

# **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)



**Final Year Internship Report**

**on**

**Web Development Intern**

**Submitted By:**

**Praveen kumar**

**Ahirwar**

**0901CS181071**

**Faculty Mentor:**

**Dr. Ranjeet kumar Singh**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE**

**GWALIOR - 474005 (MP) est. 1957**

**MAY-JUNE 2022**

# **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)



## **Web Development Intern**

A final year internship report submitted in partial fulfillment of the requirement for the degree of

### **BACHELOR OF TECHNOLOGY**

in

### **COMPUTER SCIENCE AND ENGINEERING**

Submitted by:

**Praveen kumar Ahirwar**

**0901CS181071**

Mr Pankaj Pandey

**CEO IW Technocrats**

Submitted to: Dr. Ranjeet kumar singh

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE**

**GWALIOR - 474005 (MP) est. 1957**

**MAY-JUNE 2022**



May 17<sup>th</sup>, 2022

## **CERTIFICATE OF INTERNSHIP**

This is to certify that **Mr. Praveen Kumar Ahirwar** From **Madhav Institute of Technology and Science, Gwalior MP**, has successfully completed his internship at **IW Technocrats LLP** from **Jan 17<sup>th</sup>, 2022 - May 17<sup>th</sup> 2022**.

During his internship, he was exposed to the various activities in **Website Development** in HTML, Css, Javascript, and MySQL .

We found him extremely inquisitive and hard working, He was very much interested to learn the functions of our core division and also willing to put his best efforts and get into the depth of the subject to understand it better.

His association with us was very fruitful and we wish him all the best in his future endeavors.

For IW Technocrats LLP



Authorized Signatory

Chief Executive Officer

603 Atulya IT Park, Bhawarkua  
Indore Madhya Pradesh, India 452001

[contactus@iwtechnocrats.com](mailto:contactus@iwtechnocrats.com)  
<https://www.iwtechnocrats.com>

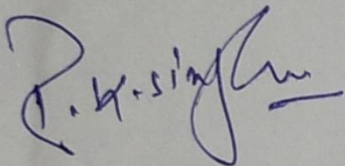
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**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

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**CERTIFICATE**

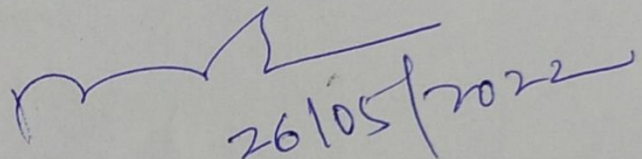
This is certified that **Praveen kumar ahirwar** (0901CS181071) has submitted the Internship report titled **Website Development** of the work he has done under the mentorship of **Ranjeet kumar**, in partial fulfilment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering from Madhav Institute of Technology and Science, Gwalior.



**Prof. Ranjeet Kumar Singh**

Faculty Mentor

Computer Science and Engineering



26/05/2022

**Dr. Manish Dixit**

Professor and Head,

Computer Science and Engineering

**Dr. Manish Dixit**

Professor & HOD

Department of CSE

M.I.T.S. Gwalior

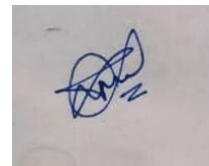
# **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

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## **DECLARATION**

I hereby declare that the work being presented in this Internship report, for the partial fulfilment of requirement for the award of the degree of Bachelor of Technology in CSE at Madhav Institute of Technology & Science, Gwalior is an authenticated and original record of my work under the mentorship of **Ranjeet kumar singh, Professor**, Department of CSE.

I declare that I have not submitted the matter embodied in this report for the award of any degree or diploma anywhere else.



Praveen kumar  
Ahirwar  
0901CS181071  
IV Year,  
Computer Science and Engineering

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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## ACKNOWLEDGEMENT

The full semester internship has proved to be pivotal to my career. I am thankful to my institute, **Madhav Institute of Technology and Science** to allow me to continue my disciplinary/interdisciplinary internship as a curriculum requirement, under the provisions of the Flexible Curriculum Scheme (based on the AICTE Model Curriculum 2018), approved by the Academic Council of the institute. I extend my gratitude to the Director of the institute, **Dr. R. K. Pandit** and Dean Academics, **Dr. Manjaree Pandit** for this.

I would sincerely like to thank my department, **Department of Computer Science and Engineering**, for **allowing** me to explore this internship. I humbly thank **Dr. Manish Dixit**, Professor and Head, Department of Computer Science and Engineering, for his continued support during the course of this engagement, which eased the process and formalities involved.

I am sincerely thankful to my faculty mentors. I am grateful to the guidance of **Ranjeet kumar singh**, Professor, Department of Computer Science and Engineering, for his continued support and close mentoring throughout the internship. I am also very thankful to the faculty and staff of the department.



Praveen kumar  
Ahirwar  
0901CS181071  
IV Year,  
Computer Science and Engineering



## **ABSTRACT**

The effort involved in creating a web site for the internet is referred to as web development (World Wide Web) Or a private network (intranet).Web development may be as easy as creating a single static page of plain text.From simple text to the most complicated web-based internet applications, electronic enterprises, and social networking services.Web engineering, web design, web content creation, client liaison, client-side/site scripting, web server and network security setup, and client interaction are all tasks that are usually referred to as web development.

Development of e-commerce. "Web development" is a term used by web professionals to describe the non-design components of a website.of Writing markup and code for web sites Web development has lately evolved to signify the production of websites..

## **ORGANIZATION:**

With a broad network of innovation and delivery centres, IW Technocrats is a global leader in IT services, consulting, and business solutions. They investigate as a technological leader.

Business and marketing solutions that help you achieve your objectives. Web-related experiences Industry of Design Adapted to the client's requirements. Advanced technological application. Seamless& uncomplicated IT support On time and on budget Services are created to help people.Taking the client's company to the next level

The firm is focusing on digital marketing strategies such as search engine optimization and social media marketing.Search Engine Marketing, Social Media Marketing, Pay Per Click, and a slew of other strategies are all Available.You're in charge of expanding your business and promoting it.

"IW Technocrats" is a Digital Marketing Solution provider for businesses and individuals.wishes to expand their business or popularity

## **METHODOLOGIES:**

For our projects, we use a systematic process that starts with solution creation and ends with execution. Because a well-planned project saves project delivery time and any additional ad-hoc expenses to our customers, we spend the majority of our time learning about their businesses and gathering needs. This strategy from the bottom up allows us to provide not just a solution to our clients, but also add value to your investments..

## **Learning Objectives/Internship Objectives:**

- Internships are commonly thought of as opportunities for college students to get experience in a certain subject. Training, on the other hand, may help a wide range of people.
- Internships to gain real-world experience and to improve their abilities.
- An aim for this position should highlight the talents you already have in the field as well as your desire to learn more.
- Internships are used in a variety of areas, including architecture, engineering, healthcare, economics, and advertising, among others.
- Some internships are utilized to allow people to do scientific study, while others are explicitly meant to provide them hands-on job experience.
- Internships are a fantastic method to grow your CV and gain abilities that you can highlight on your resume.



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# **1.INTRODUCTION**

Startups from numerous industries are currently aiming to promote their work through mobile applications, but they are having difficulty finding the appropriate individuals at the right costs and with sufficient work experience to commit their Mobile Application concept to.

So, to overcome the aforementioned difficulty, Clickstream approached IW Technocrats with the request for a sleek and extremely responsive website built upon the above concept..

## **OBJECTIVE:**

- To create a website that would appeal to clients seeking for mobile app developers.
- To highlight the efforts of Clickstream programmers.
- To develop email notification services that are automated.
- To show the developer's profile and an overview of their qualifications who will be taking the job.

## **SCOPE:**

Build a web-based system and reach out to small businesses. This method never reduces labour; instead, it aids in the growth of available staff and optimises it so that banquet standards and capabilities may be expanded to greater heights.

## **1.1MODULES**

### **Home:**

- 1) Shows the home page.
- 2) On the homepage, users may get some general information about the website.

### **About:**

- 1) Displays the website's principal goal.
- 2) A description of the company's operations.

### **Product:**

- 1) Showcases previous work or some rough concepts that have been developed in websites and mobile applications for Sale.
- 2) In addition to the items, their connections drive customers to specific sites.

### **Investors:**

- 1) Displays the company's investments and stocks.
- 2) The stock charts are displayed.

### **Contact information:**

- 1) Here is where you may get contact information.

### **Obtain Notification:**

- 1) Email services that are automated.
- 2) Users can be alerted about important releases here.

## **2. REQUIREMENT ANALYSIS**

### **Phase 1: Requirement collection and analysis:**

As part of the regular procedure, we will construct a non-functional static prototype of the website. This prototype will show you what the finished website will look like.

### **Phase 2: Design:**

The system and software design papers are created in this third phase according to the requirement specification document. This aids in the overall system architecture definition. We'll assign a designer to your project to create a user-friendly, eye-catching design. You may use any reference website or template to ensure a high-quality design. This will assist us in visualizing your requirements and providing the website of your choosing.

### **Phase 3: Coding:**

After the system design phase, the coding step begins. During this phase, developers begin developing code in the selected programming language to build the full system.

### **Phase 4: Testing:**

The programmer will be deployed in the testing environment after it is finished. The testing team begins testing the full system's functioning. This will be done to ensure that the entire application functions as you want. The QA and testing teams may discover faults or flaws during this phase, which they will report to our developers. The development team will address the issue and return it to QA for re-testing. This procedure will be repeated until the programmer is bug-free, reliable, and meets your business requirements

### **Phase 5: Installation/Deployment:**

The final deployment procedure will begin once the software testing step is completed and the system is free of defects and problems..

### **3. SYSTEM REQUIREMENT SPECIFICATION**

#### **3.1 System configurations**

The software requirement specification can be created when the analysis work is completed. A complete information description, a detailed functional description, a representation of system behaviour, an indication of performance and design constraints, Appropriate validate criteria, and other information pertinent to requirements are used to refine the function and performance assigned to software as part of system engineering.

#### **3.2 Hardware Requirements:**

Hardware selection is critical to the existence and correct operation of any programme. Size and needs are other crucial considerations when choosing hardware..

- Processor - Intel CORE i3
- RAM - 4.0 GB
- Hard Disk Drive - 500 GB

#### **3.3Software Requirement:**

1. Windows 7,8,10.
2. HTML/Css/ JavaScript/ Bootstrap.
3. PHP 5.5.38.
4. MySQL.
5. Compiler: MSVC11 (Visual C++ 2012).
6. Apache version: Apache/2.4.23 (Win32) OpenSSL/1.0.2h PHP/5.5.38.

#### **3.4 Data Storage**

- A customer's password must never be shown in their web browser. It must be repeated with special characters that indicate typed characters at all times.

- Only authenticated administrators should have access to the system's back-end servers.  
The back-end databases of the system must be encrypted.

## **4. TECHNOLOGY**

### **4.1 HTML:**

HTML (Hypertext Markup Language) is the industry standard for building online pages and applications. It constitutes a trinity of cornerstone technologies for the World Wide Web, together with Cascading Style Sheets (CSS) and JavaScript. Web browsers transform HTML documents received from a webserver or local storage into multimedia web pages. HTML initially featured cues for the document's look and described the structure of a web page logically. HTML elements are the components that make up HTML pages. Images and other objects, such as interactive forms, can be embedded in the produced page using HTML structures. It enables the creation of structured documents by indicating structural semantics for text elements including as headers, paragraphs, lists, links, quotations, and other elements.

The industry standard for creating web sites and apps is HTML (Hypertext Markup Language). Together with Cascading Style Sheets (CSS) and JavaScript, it forms a trinity of cornerstone technologies for the World Wide Web. HTML documents received from a webserver or local storage are converted into multimedia web pages by web browsers. HTML included visual clues for the document's appearance and logically outlined the structure of a web page at first.

### **4.2 CSS:**

CSS (Cascading Style Sheets) is a style sheet language that describes how a document authored in a markup language should look. Although it is most commonly used to style HTML and XHTML web pages and user interfaces, the language may be used to style any XML document, including plain XML, SVG, and XUL, and can be rendered in voice or on other media. CSS, like HTML and JavaScript, is a foundational technology used by most websites to produce aesthetically appealing webpages, web application user interfaces, and mobile app user interfaces. CSS is largely intended to separate appearance from content, including elements like as layout, colours, and fonts.

This separation can increase content accessibility, give greater flexibility and control in the definition of presentation features, allow numerous HTML pages to share formatting by declaring the required CSS in a separate.css file, and decrease structural content complexity and repetition. Because formatting and content are separated, the same markup page can be presented in multiple styles for different rendering techniques, such as on-screen, in print, by voice (via a speech-based browser or screen reader), and on Braille-based tactile devices.

## 4.3 **BOOTSTRAP:**

Bootstrap is a free and open-source CSS framework for front-end web development that is responsive and mobile-first. It includes design templates for typography, forms, buttons, navigation, and other interface elements that are based on CSS and (optionally) JavaScript. On GitHub, Bootstrap is the sixth most-starred project.

Bootstrap is a web framework aimed at making the creation of informative web pages easier (as opposed to web apps). The main reason for include it in a web project is to apply Bootstrap's colour, size, font, and layout options to it. As a result, the most important element is if the developers in charge like the options. Bootstrap offers basic style definitions for all HTML components once it is applied to a project. As a result, texts, tables, and form components appear consistently across web browsers. Developers may also use the CSS classes offered in Bootstrap to further personalise the look of their content. For example, Bootstrap has support for light and dark-colored tables, page headlines, larger pull quotes, and highlighted text.

The layout components of Bootstrap are the most visible since they impact the whole web page. Every other element on the website is placed in this fundamental layout component, which is termed "Container." A fixed-width container and a fluid-width container are available to developers.



## 4.4 JavaScript:

JavaScript (JS) is a first-class programming language that is lightweight, interpreted, or just-in-time compiled. While it is best known as a scripting language for Web pages, it is also used in a variety of non-browser settings, including Node.js, Apache Couch DB, and Adobe Acrobat. JavaScript is a single-threaded, prototype-based, dynamic language that supports object-oriented, imperative, and declarative (e.g. functional programming) programming styles. Get more information about JavaScript.

This section focuses on the JavaScript language as a whole, rather than the bits that are particular to Web pages or other host environments. Please visit Web APIs and DOM for information on API specifics to Web pages.

The ECMAScript Language Specification (ECMA-262) and the ECMAScript Internationalization API specification are the JavaScript standards (ECMA-402). The documentation for JavaScript on MDN is based on the most recent draught versions of ECMA-262 and ECMA-402. In addition, descriptions and examples in MDN articles may employ some of the new ECMAScript capabilities that have already been deployed in browsers.

JavaScript should not be confused with the Java programming language. Oracle's trademarks or registered trademarks in the United States and other countries include "Java" and "JavaScript." The two programming languages, however, have vastly distinct syntax, semantics, and applications..

## 4.5 React.js :

React (also known as React.js or ReactJS) is a free and open-source front-end JavaScript toolkit for creating UI components-based user interfaces. Meta (previously Facebook) and a community of individual developers and businesses support it. With frameworks like Next.js, React may be used as a foundation for developing single-page, mobile, or server-rendered apps. React, on the other hand, is solely concerned with state management and displaying that information to the DOM, therefore constructing React apps frequently necessitates the usage of extra frameworks for routing and client-side functionality.

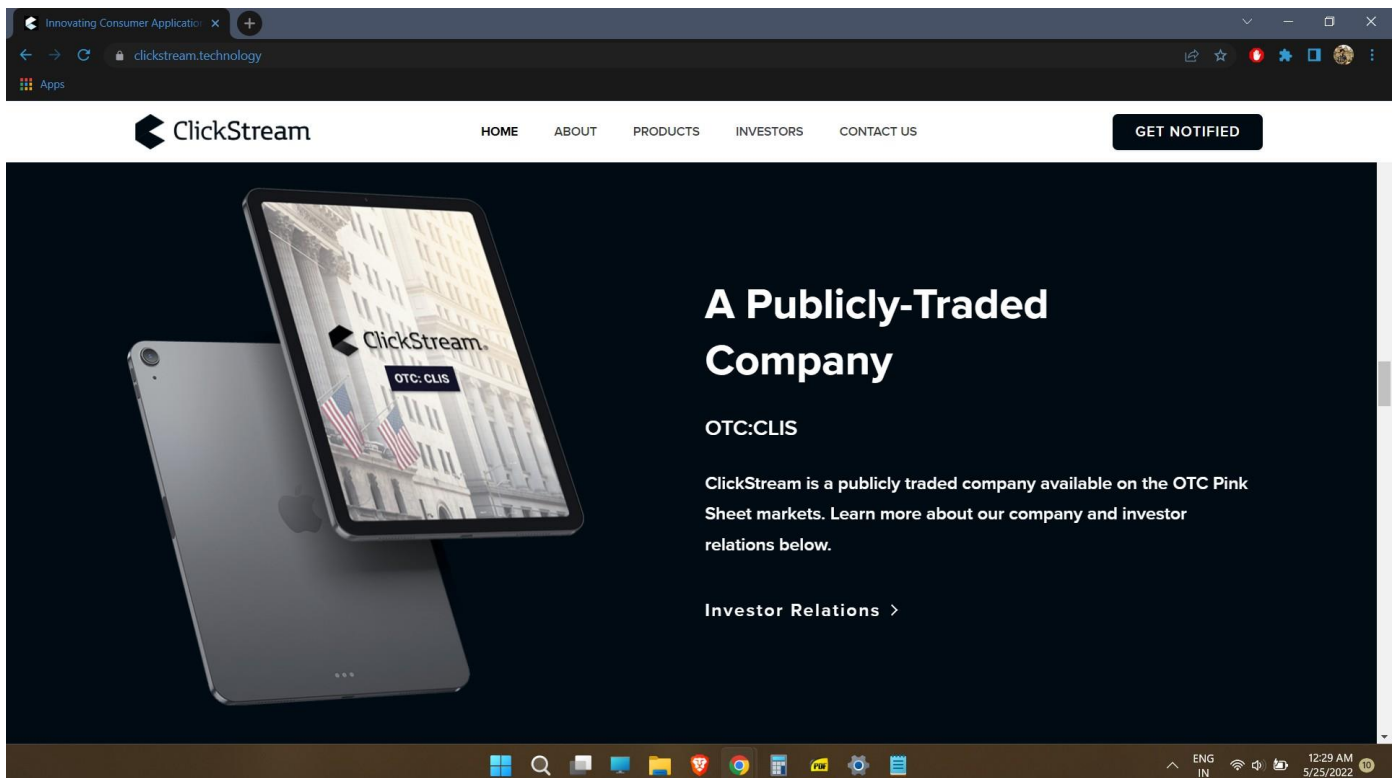
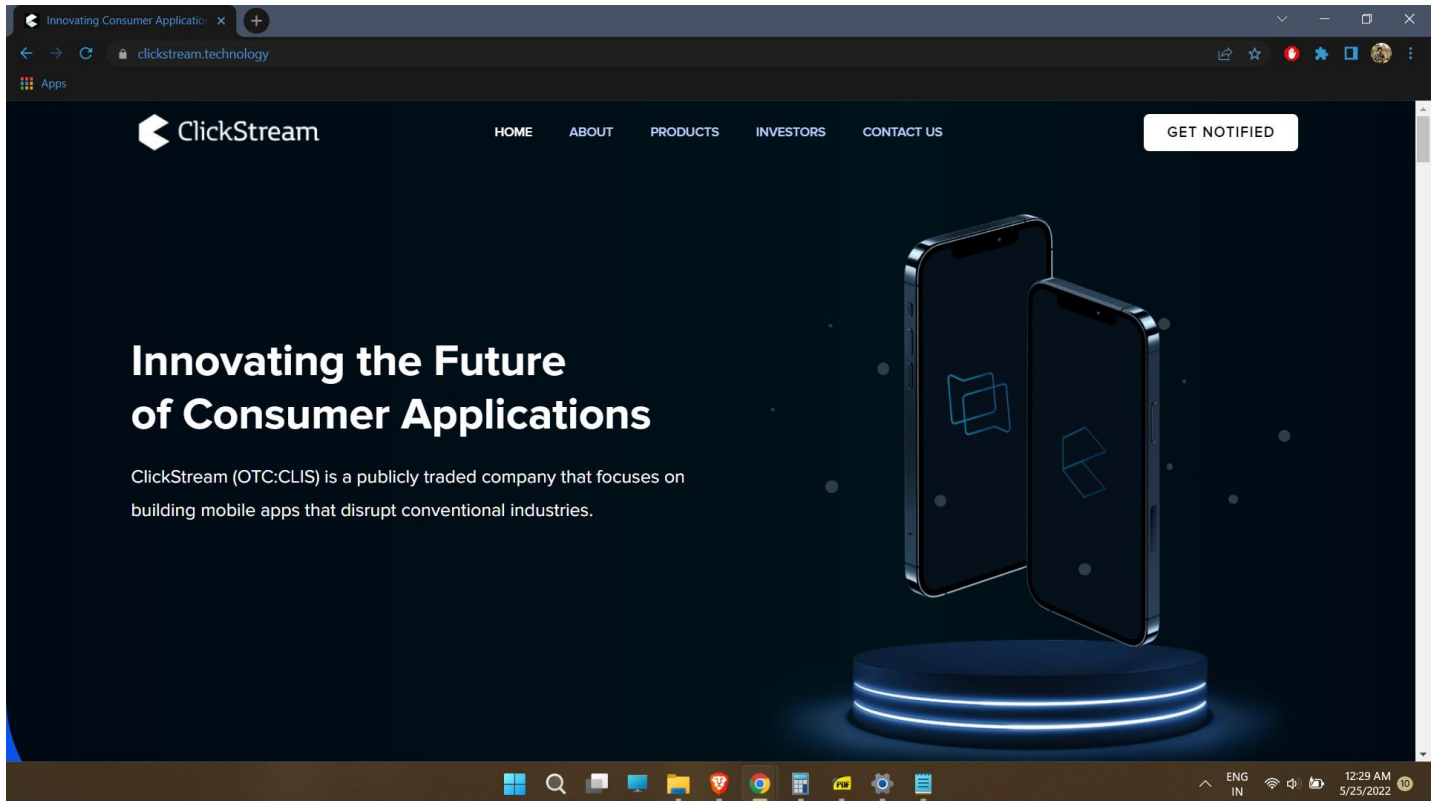
## 4.6 MySQL:

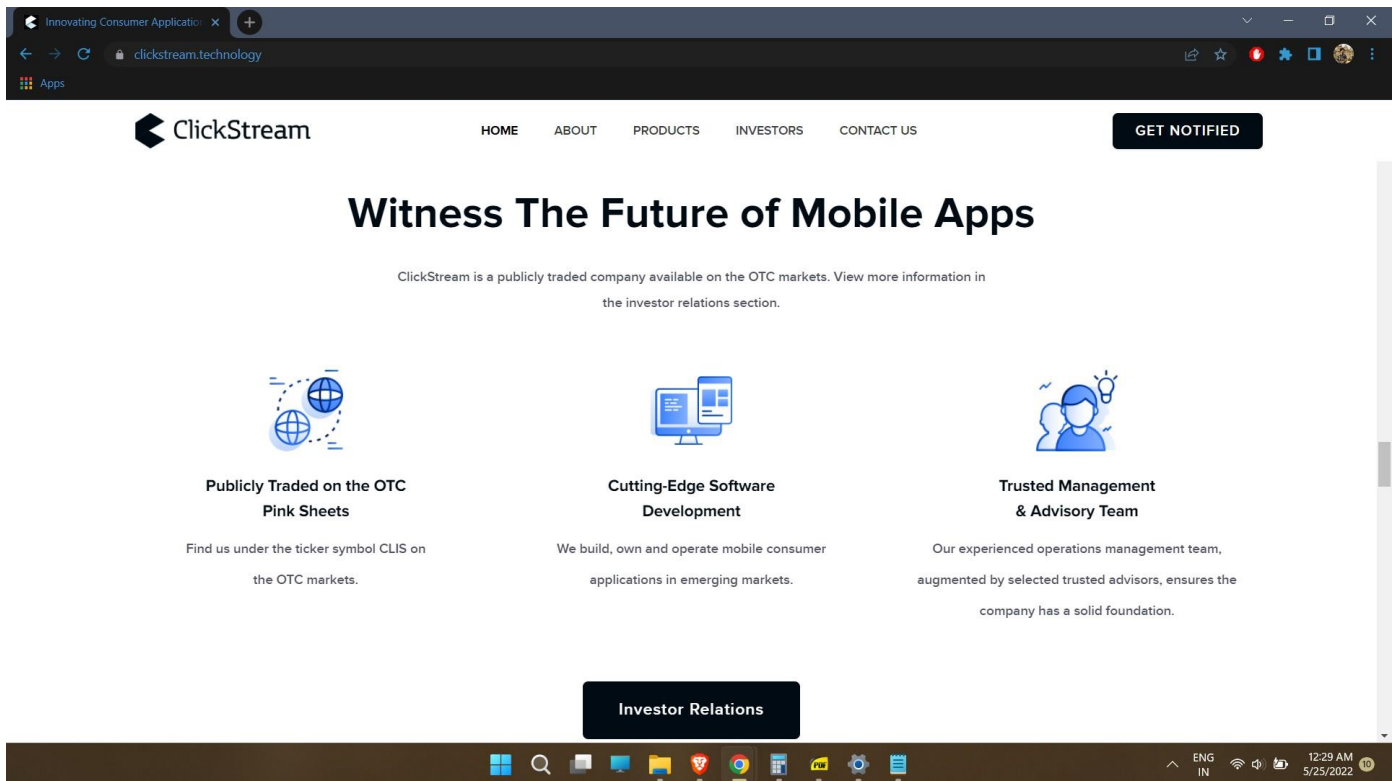
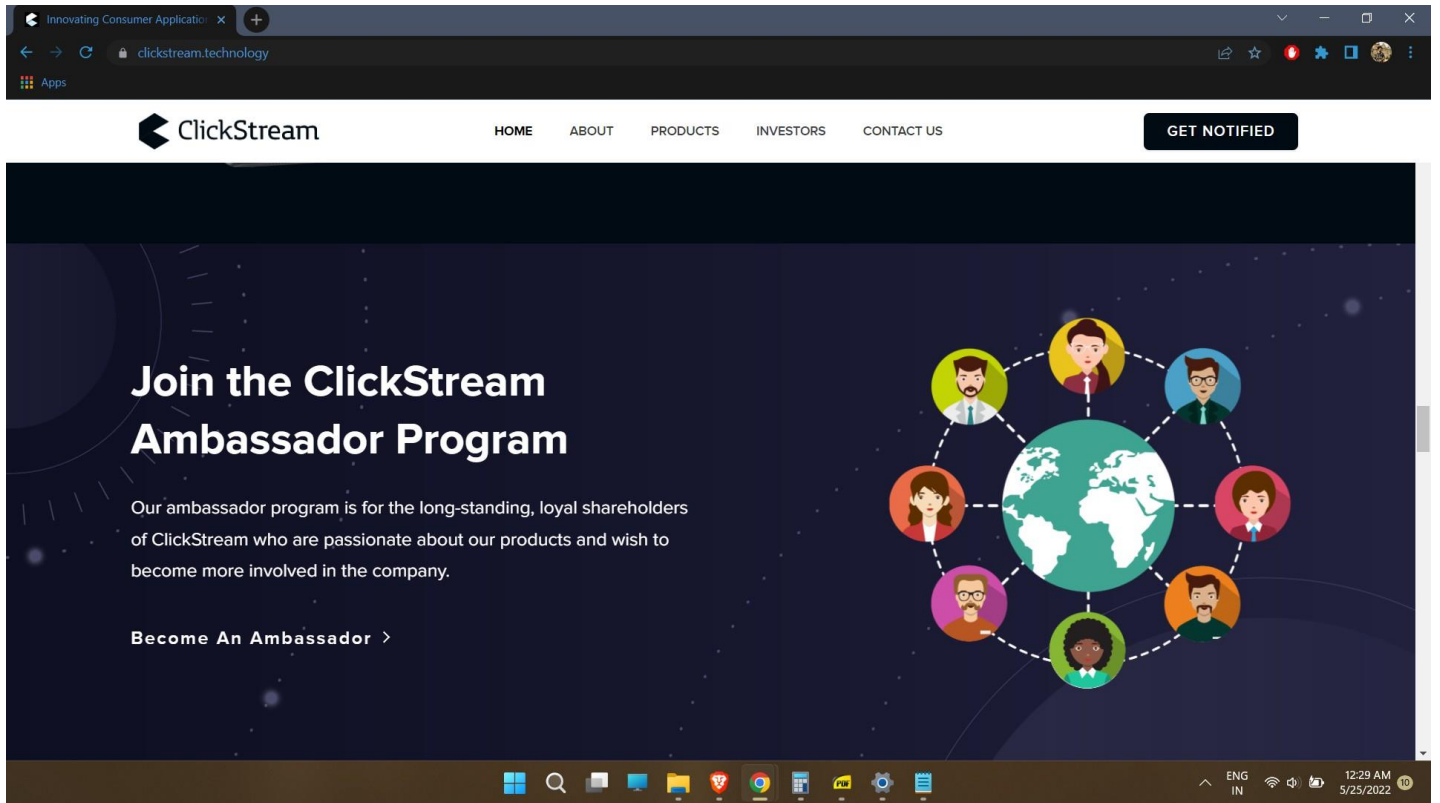
MySQL is a relational database management system that is free to use (RDBMS). "My" is the name of co-founder Michael Widenius's daughter, and "SQL" is the acronym for Structured Query Language. A relational database organises data into one or more data tables where data types can be associated to one another, allowing the data to be structured. SQL is a programming language that allows programmers to build, change, and retrieve data from relational databases, as well as manage user access. An RDBMS like MySQL, in addition to relational databases and SQL, works with an operating system to implement a relational database in a computer's storage system, manages users, allows for network access, and makes database integrity testing and backup creation easier.

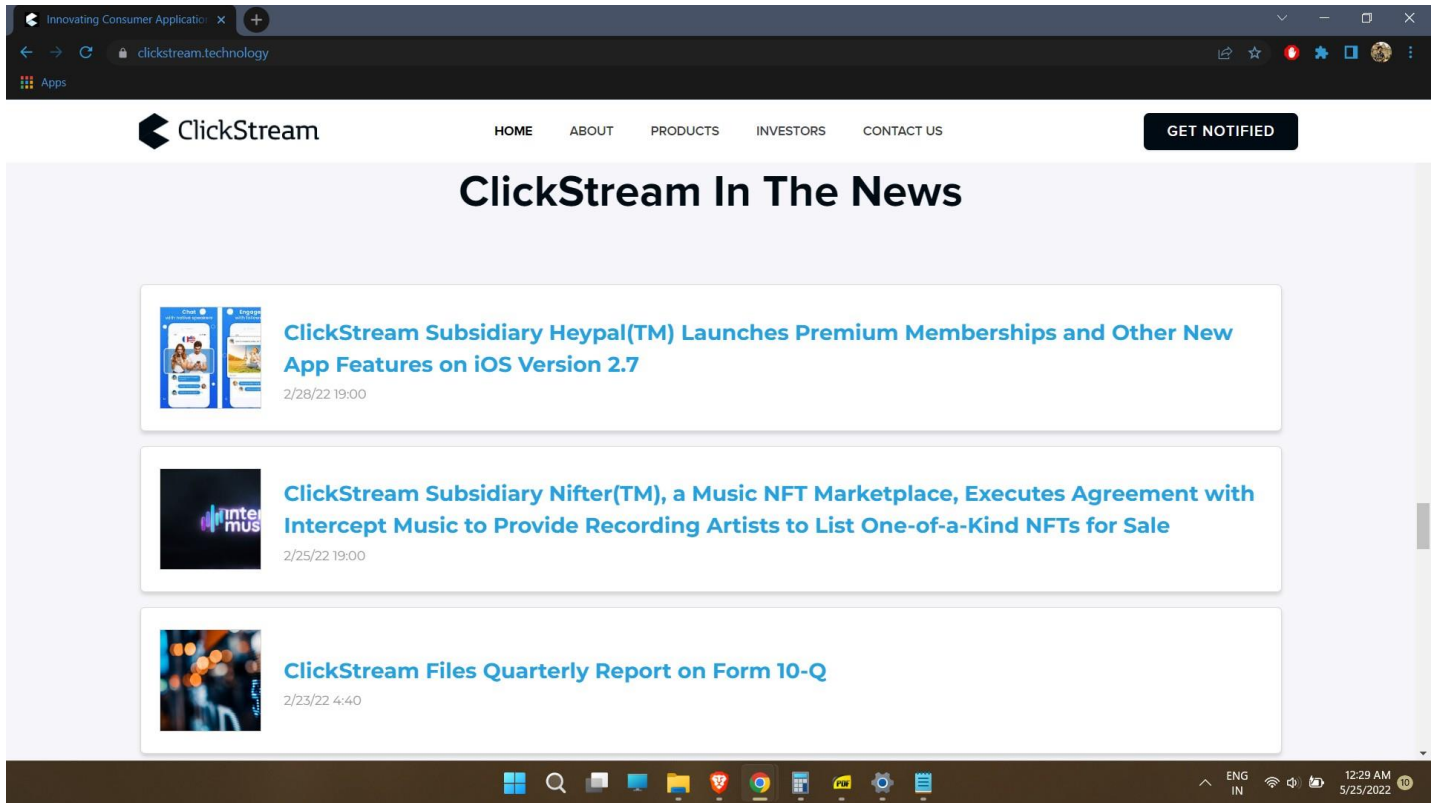
MySQL is offered under a number of proprietary licences and is free and open-source software under the rules of the GNU General Public License. MySQL was developed and supported by MySQL AB, a Swedish startup that was purchased by Sun Microsystems (now Oracle Corporation). When Oracle bought Sun in 2010, Widenius split the open-source MySQL project to form MariaDB.

## 4. SCREENSHOTS

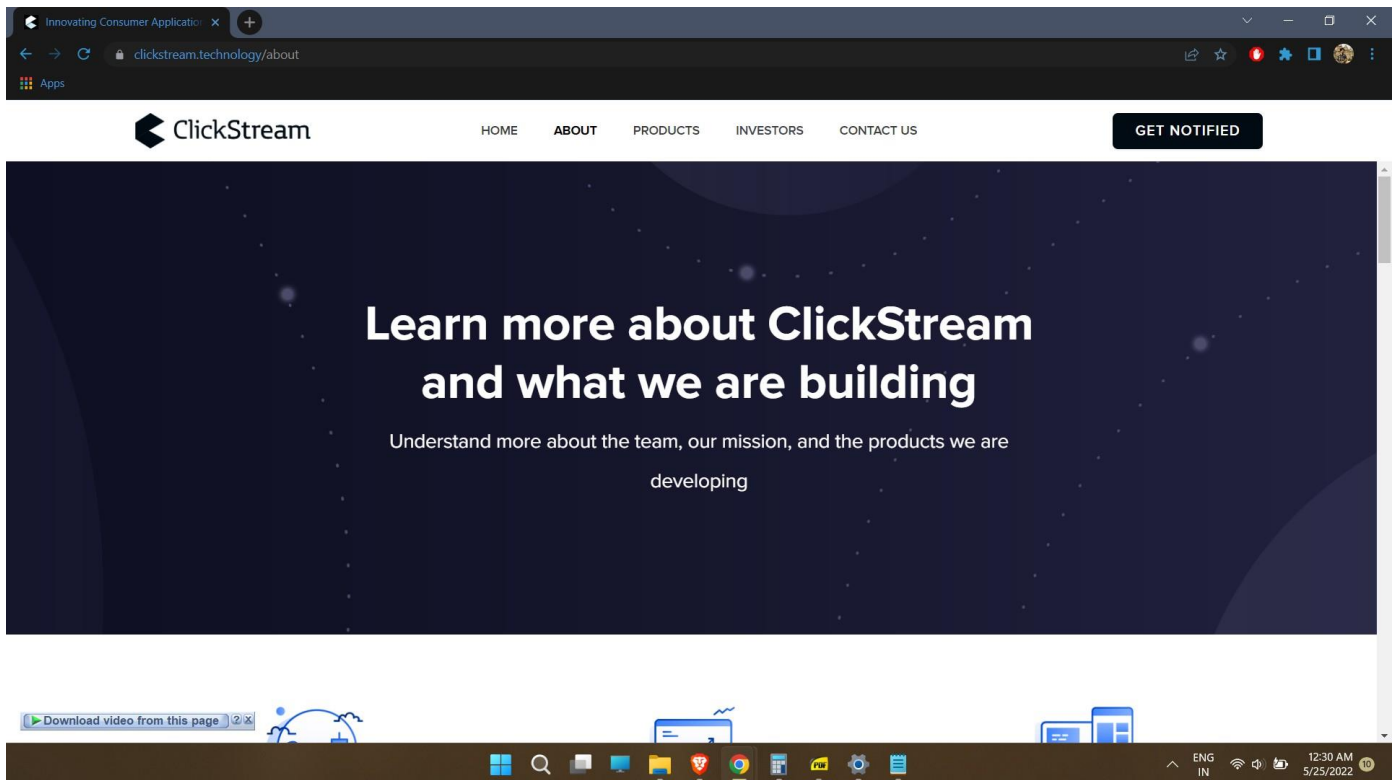
### HOME

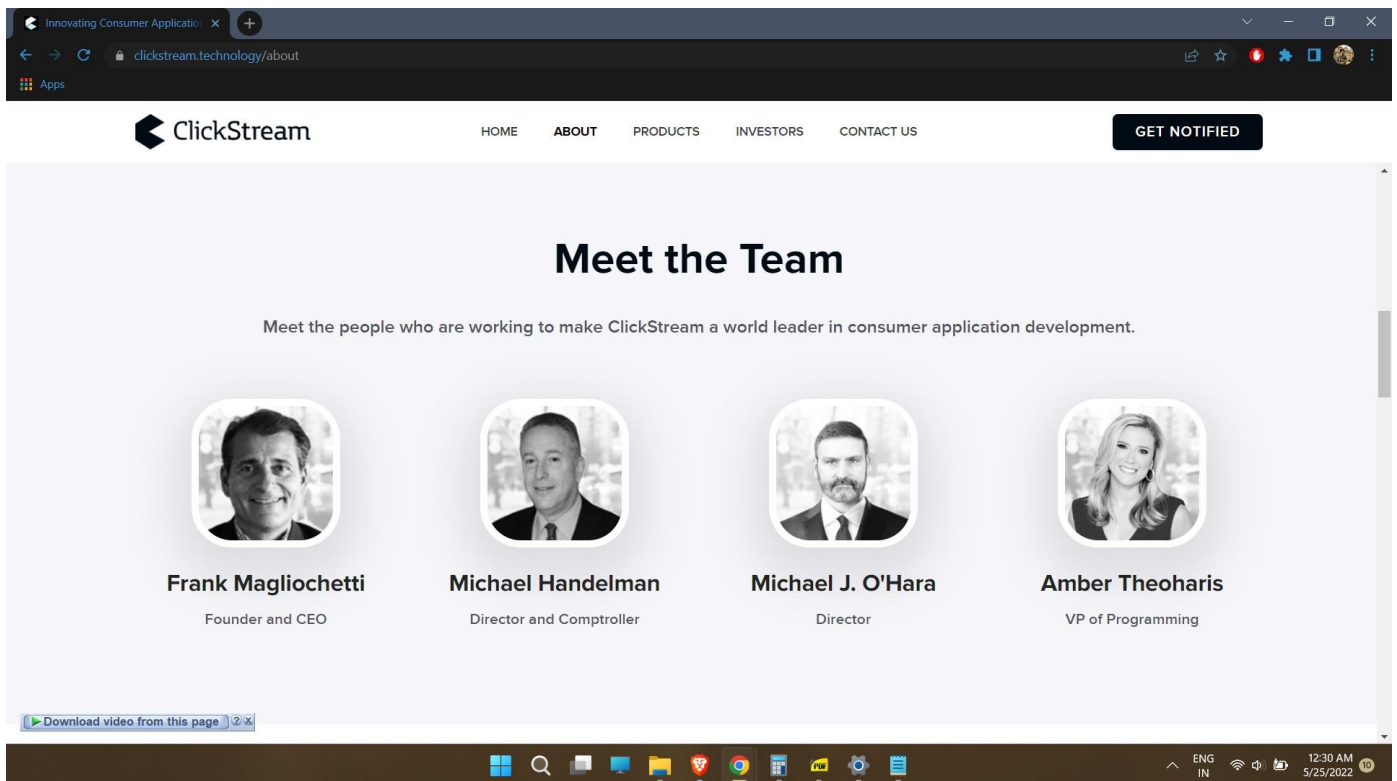
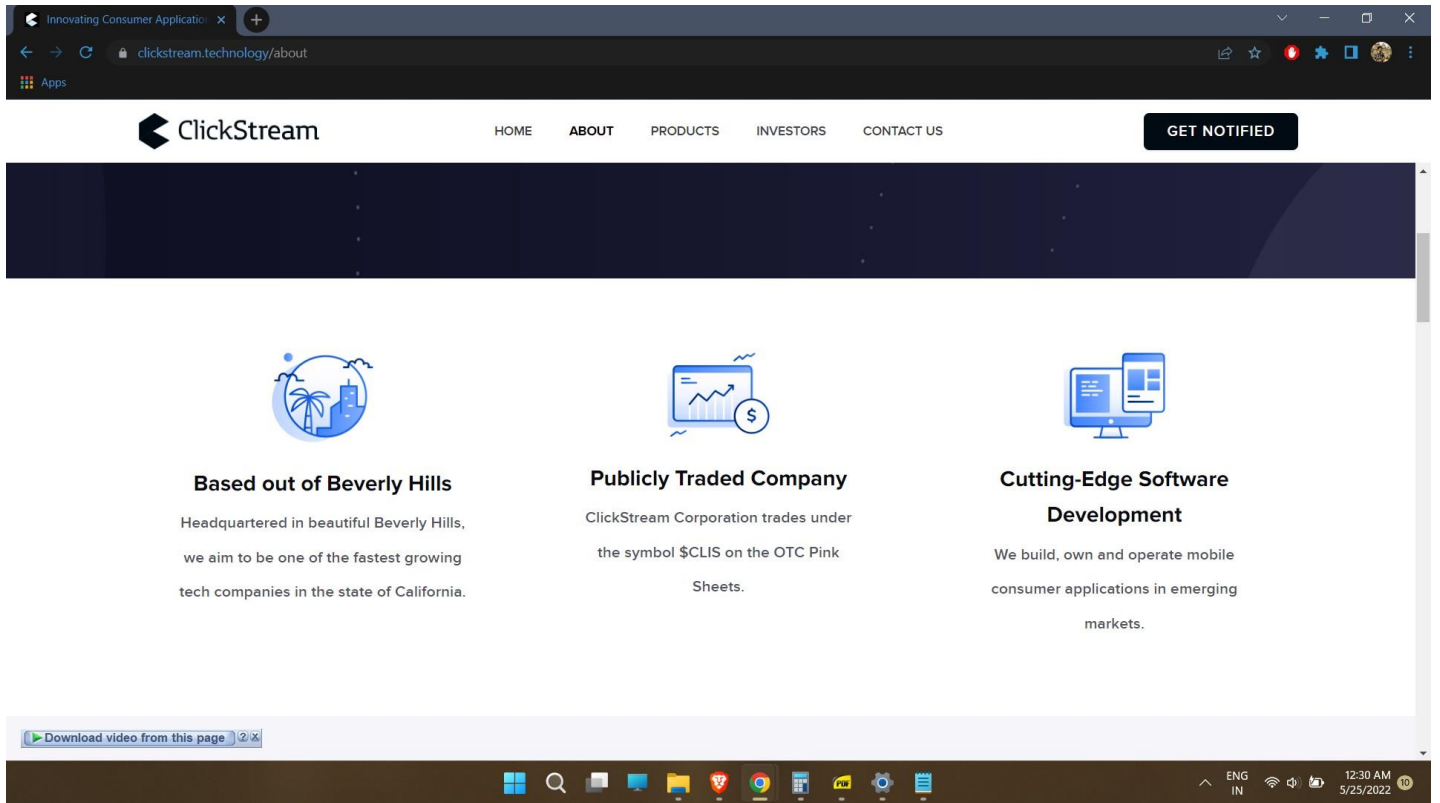


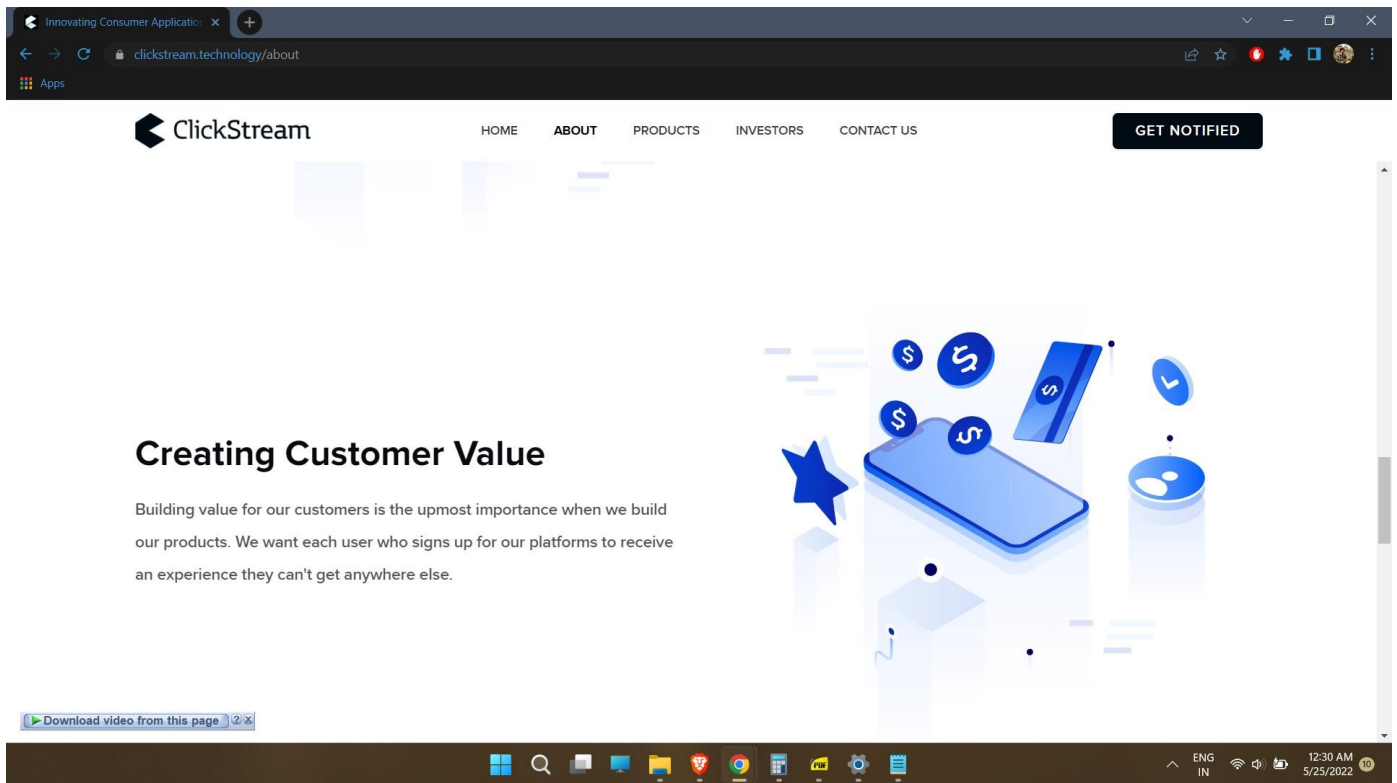
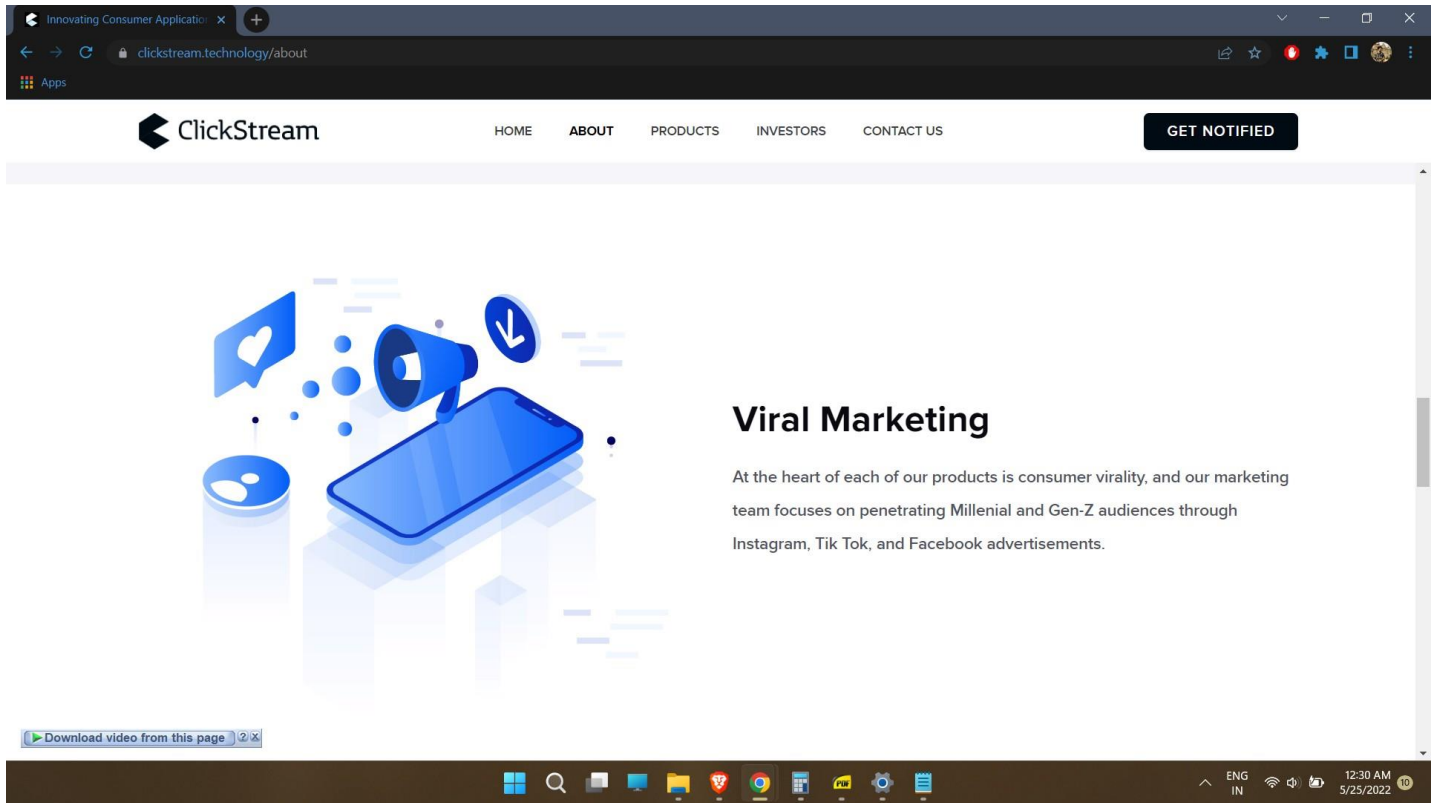




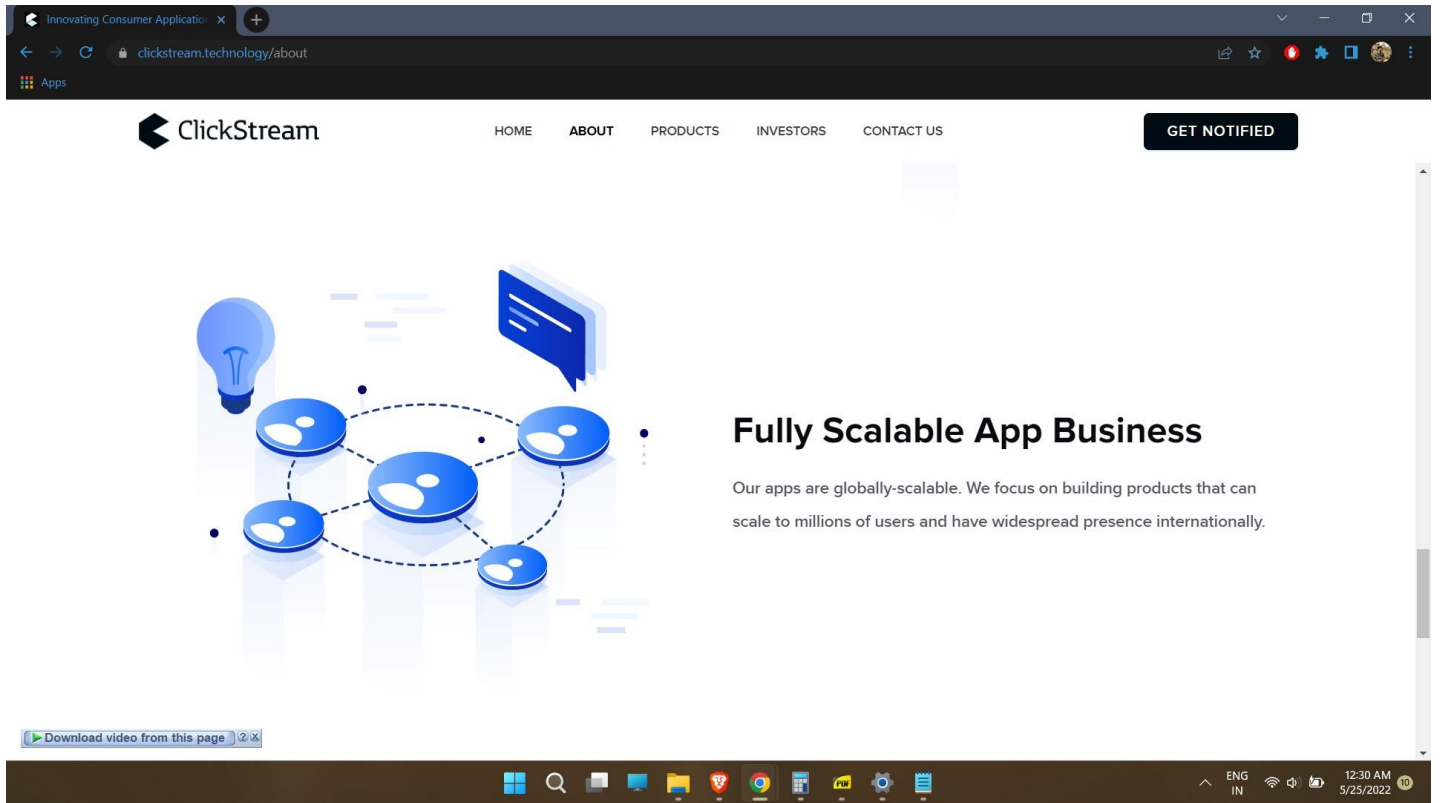
## ABOUT



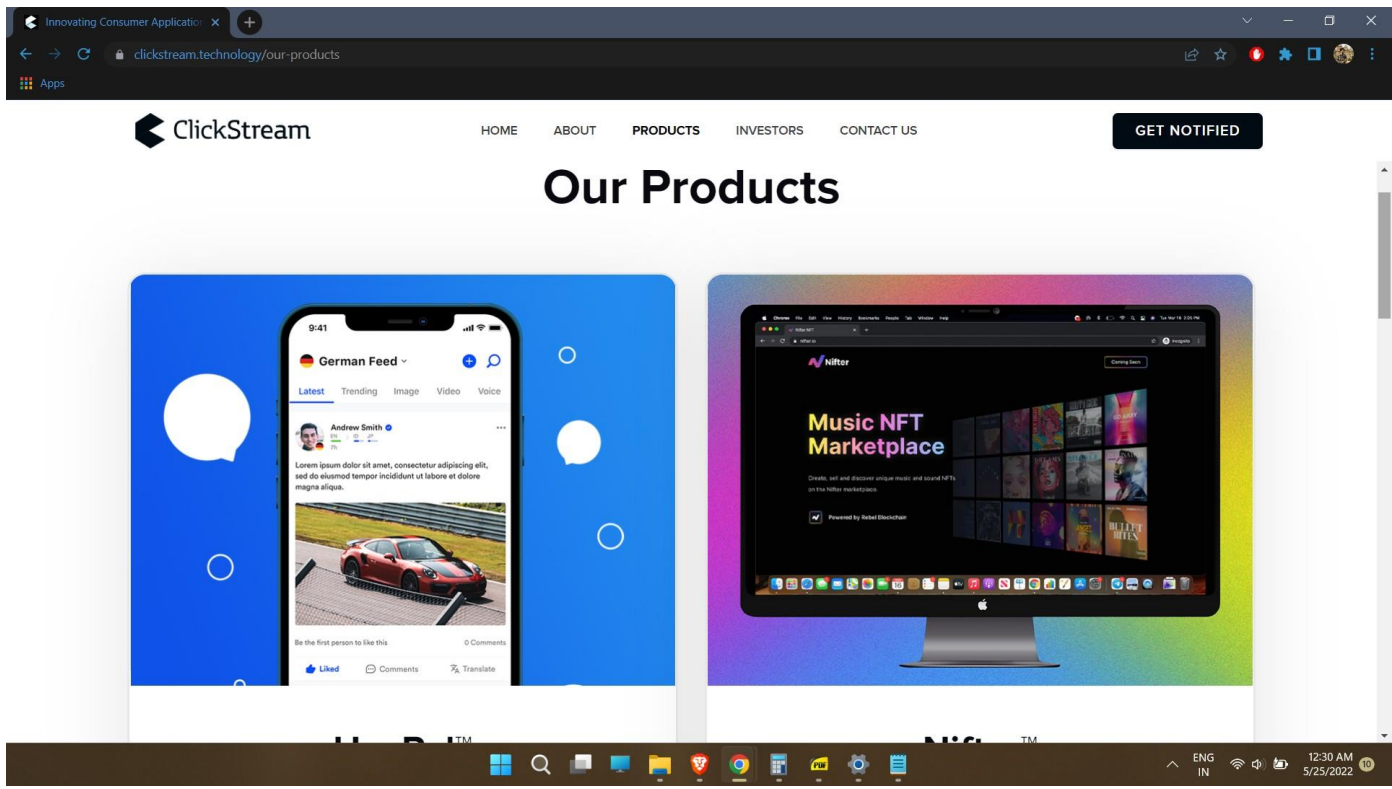








PRODUCTS





INVESTORS

Innovating Consumer Applications

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ClickStream

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OVERVIEWANNUAL REPORTSSEC FILINGSQUARTERLY FILINGSAMBASSADOR PROGRAM

Investors Overview

ClickStream Corporation develops highly engaging consumer applications for users all around the world. The company now lists on the OTC markets under the ticker symbol CLIS.

ClickStream Corp (CLIS)

\$0.019 -0.00 (12.84%) | OTC Pink Current

1d 5d 1m 3m 6m 1y 2y 5y 10y 20y

Price

Frequency: 1W

ENG IN12:30 AM5/25/2022

CONTACT US

Innovating Consumer Applications

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ClickStream

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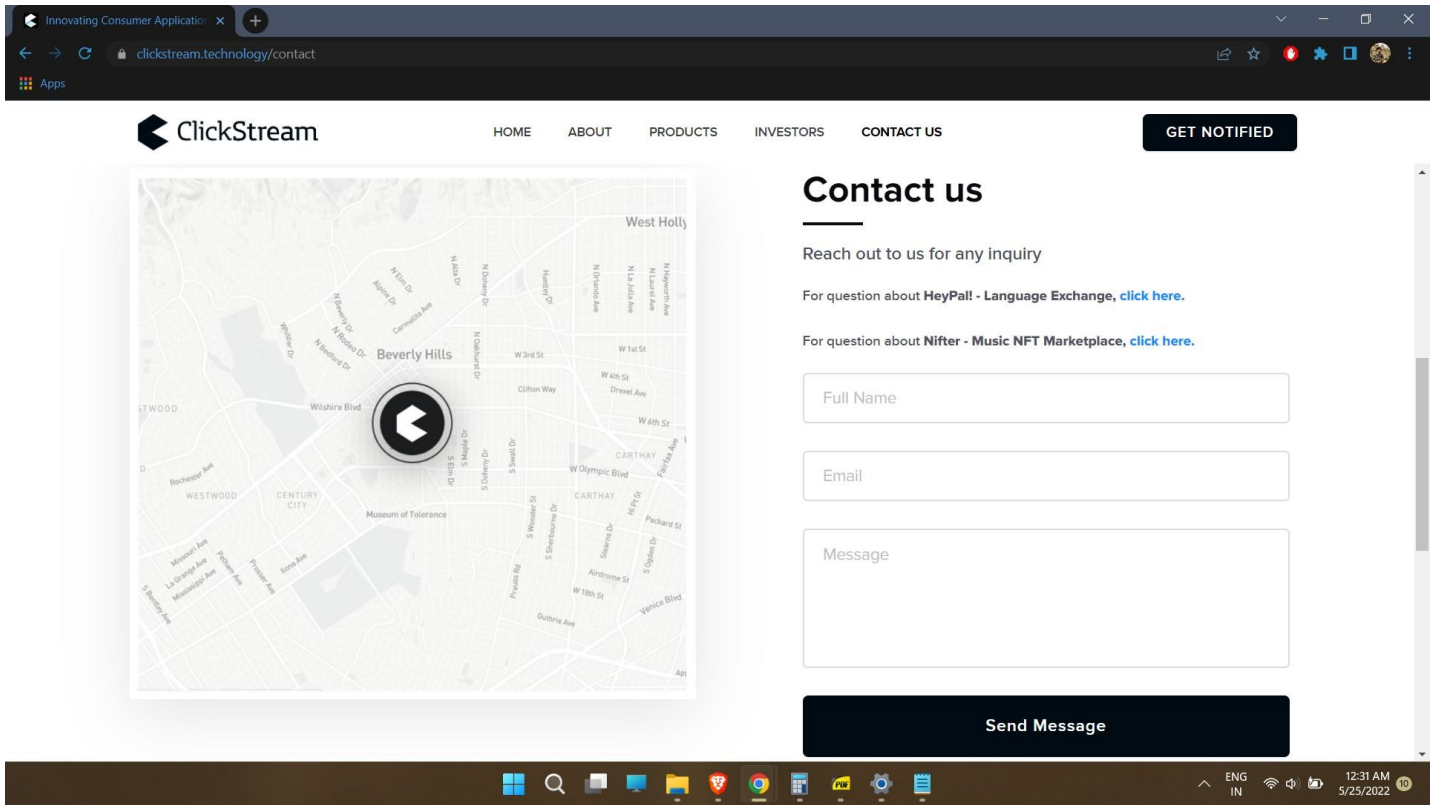
GET NOTIFIED

Contact Our Team

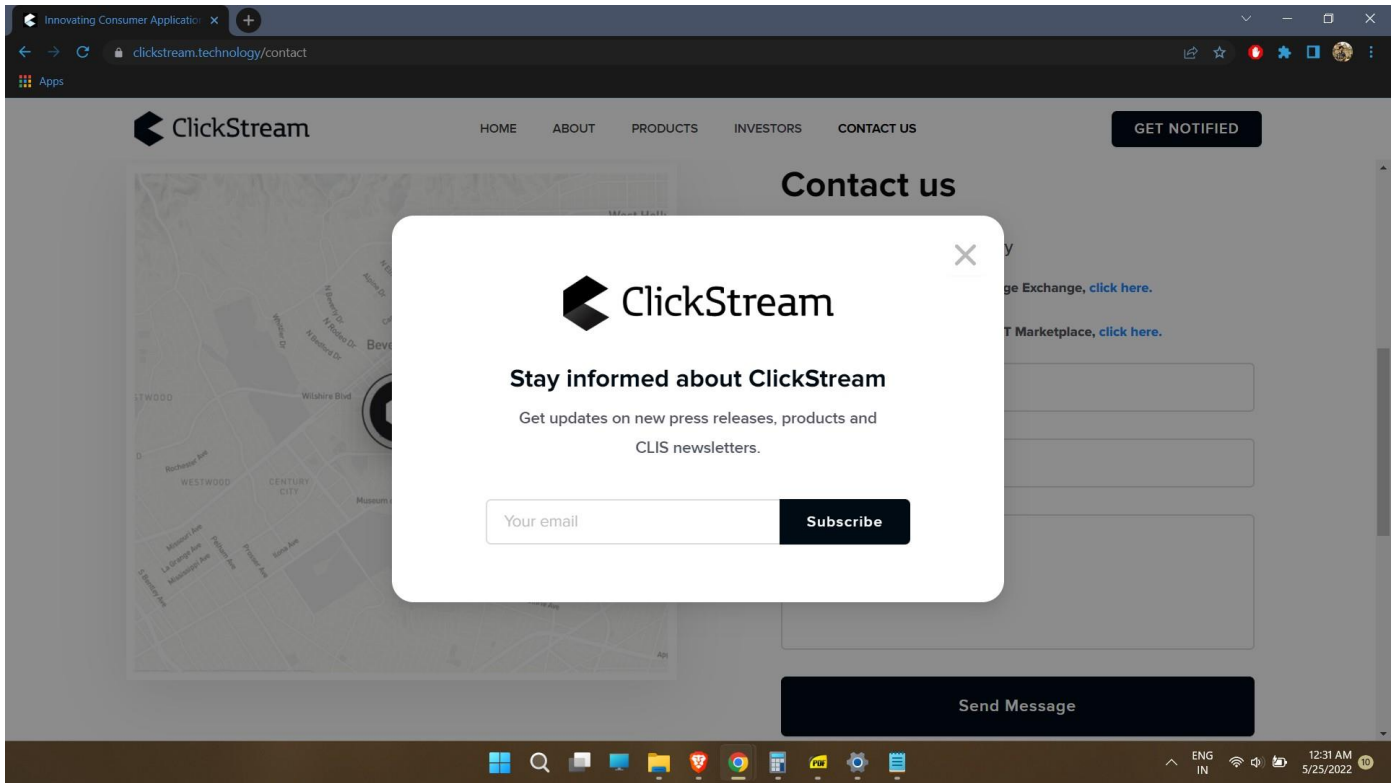
Get in touch with the ClickStream Team by writing to us below. We are here to help.

Contact us

ENG IN12:31 AM5/25/2022



GET NOTIFIED



## **6. Role of a Guide**

Mrs Nancy Singh served as our mentor, guiding us through our studies and answering our questions about the subject. She was in charge of project work distribution and routine activities such as debugging.

## **7. CONCLUSION**

The website we created is fully functioning and in excellent shape; nonetheless, it was a large project that was broken down into several segments. I was a member of the frontend team, and my entire responsibility was the frontend end. The client receives a more user-friendly and improved user experience, which increases customer engagement with the app.

Throughout the Internship, I was on a learning curve to improve my web programming abilities, and I was periodically charged with debugging scripts and assisting junior colleagues in their learning curves.

## **8. REFERENCES**

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- Learn HTML and CSS faster(Mark Myers)
- Wikipedia.(Relative information about Topic).
- [www.javatpoint.com](http://www.javatpoint.com) – For the concept.
- [www.stackoverflow.com](http://www.stackoverflow.com) – for the various Codes and concept.