

# Internship Report on Web Development

**Internship Duration:** May 20th– June 22nd

**Company:** EDUMOON

**Department:** Web Development Team

**Position:** Web Development Intern

## **Executive Summary**

This report outlines my internship experience at EDUMOON, specifically within the Web Development Team. The internship was an integral component of my Computer Science degree, designed to provide practical experience in web development, including both front-end and back-end programming. Throughout this period, I was exposed to real-world projects, enhancing my coding skills and understanding of web technologies.

## **Introduction**

As a requirement for my B tech CSM, I pursued an internship in web development to gain hands-on experience in designing, coding, and maintaining websites. EDUMOON TEAM provided an environment that was both challenging and supportive, allowing me to apply theoretical knowledge to practical tasks.

## **Objectives**

My main objectives for the internship were to:

- Enhance my proficiency in web development languages, such as HTML, CSS, JavaScript, and MERN Stack.
- Gain experience with frameworks and libraries like React, Express.js and Node.js.
- Develop an understanding of the full software development lifecycle.
- Improve problem-solving skills in a real-world setting

## Tasks and Responsibilities

During my internship, I was involved in several projects, including:

- Designing and implementing user interfaces for new website features.
- Collaborating with the back-end team to integrate APIs and databases.
- Testing and debugging to ensure website functionality across different browsers and devices.
- Participating in code reviews to learn best practices and maintain code quality

## Learning Outcomes

### Technical Skills:

I significantly improved my coding abilities, gaining hands-on experience with various programming languages and frameworks. Working on live projects helped me understand the nuances of web development in a practical context. **Professional**

### Development:

The internship developed my ability to work in a team, communicate effectively with colleagues, and manage time efficiently. I learned the importance of attention to detail and the value of constructive feedback.

### Industry Knowledge:

I gained insights into the web development industry, including current trends, challenges, and the importance of user-centered design.

A key challenge I faced was adapting to the fast-paced environment and managing multiple project deadlines. I overcame this by prioritizing tasks, improving my time management skills, and seeking guidance from my team when necessary.

## Conclusion

My internship at EDUMOON was an invaluable experience that significantly contributed to my professional and personal development. It has solidified my

passion for web development and provided a clear direction for my future career path. I am grateful for the mentorship received from Mr. SOUKATH ALI and the opportunity to work alongside the talented Web Development Team.

## **Acknowledgements**

I would like to extend my sincerest thanks to EDUMOON for this incredible internship opportunity. Special appreciation goes to my supervisor, Mr. Soukath Ali, for their unwavering support and guidance. Additionally, I thank Mr. SOUKATH ALI for facilitating this practical learning experience, which has been pivotal in bridging the gap between academic study and professional application

## **Learning Phase**

Initially, I underwent a learning phase where I familiarized myself with the technologies and frameworks used at EDUMOON. This included understanding version control systems (such as Git), learning frontend technologies (HTML, CSS, JavaScript), and backend frameworks (like Node.js, Express.js, database: MongoDB)

## **Project: LIBRARY MANAGEMENT**

Description: Any user can login to our website and then borrow any book. The borrowed book should be returned within 5days. If the book was not returned, then the message was sent to the mail through which the user logged in. Books, comics, magazines are the three books like genres.

BOOKS includes mythological history, mathematical science, fantasy etc. User can choose any type of book.

Book cover page, details, description, information will be provided. Then there is an admin page provided to librarian used to add or remove any book or know the book which user wishes the most. Data of the books can be edited or modified.

## **Team Collaboration**

Throughout the internship, we collaborated each other

Vasupilli Bhargav: Frontend and Backend

Pilla Akkhash: Frontend and Designing

Janu Jaya Kalyan Gowd: Frontend and Designing

Dimili Pavan Rishi: Frontend and Report Work

Rejeti Kavyasri: Frontend and Report Work

Botcha Varun: Frontend and Backend

who provided guidance and support. This experience helped me understand the importance of teamwork and effective communication in achieving project goals.

Achievements and Learning Outcomes:

By the end of the internship, I had achieved the following:

Developed mini and major projects, contributing to the company's web development portfolio.

Gained insights into agile development methodologies and best practices in web development.

## Conclusion:

The internship at EDUMOON (FULL STACK WEB DEVELOPMENT) was an invaluable experience that provided me with hands-on experience in web development. It helped me sharpen my technical skills, understand the workflow of web development projects, and improved my ability to work effectively within a team. I am grateful for the guidance and mentorship received during this internship, which has prepared me to pursue a career in web development with confidence.

In conclusion, my internship at EDUMOON has been a valuable journey that enhanced my skills in web development significantly. I am thankful for the support and guidance from Mr. SOUKATH ALI and the collaborative efforts with the team. This experience has prepared me well for future challenges in the field of web development, and I look forward to applying what I've learned in my career.

This summer internship report was submitted by

- **Team no:21**
- **Vasupilli Bhargav**
- **Pilla Akkhash**
- **Janu Jaya Kalyan Gowd**
- **Dimili Pavan Rishi**
- **Rejeti Kavyasri**
- **Botcha Varun**
- **Department of CSE(AIML) &CSD**