



SUMMER TRAINING REPORT

On

“WEB DEVELOPMENT”

At

CSEEDGE

Spanning

20th May 2024 - 20th June 2024

for partial fulfilment of the requirement for the award of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

From

School of Studies Engineering and Technology,

Guru Ghasidas Vishwavidyalaya

Submitted By:

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Roll No.: 21027121

Batch: 2021 – 2025

Institute: Guru Ghasidas Vishwavidyalaya

Submitted To:

Mr. Vaibhav Kant Singh

Assistant Professor.

Department of CSE, SOSET,

Guru Ghasidas Vishwavidyalaya

INTERNSHIP CERTIFICATE



CERTIFICATE OF COMPLETION

This certificate is proudly
presented to

BODDU GIRI RAJA SEKHAR

FOR SUCCESSFULLY COMPLETION OF 1 MONTH INTERNSHIP STARTING FROM
MAY 20TH 2024 IN Web Development Internship WITH WONDERFUL REMARKS
AT CSEdge



CSEdge



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<https://cseedge.courses/> CID: CSEdge-WD-2405266

ABOUT THE INTERNSHIP

1. Introduction

During the summer of 2024, I had the opportunity to intern as a Web Developer at CSEDGE, where I undertook a project to develop a NoteApp using the MERN (MongoDB, Express.js, React.js, Node.js) stack. This internship provided me with hands-on experience in full-stack web development, allowing me to apply my theoretical knowledge to build a real-world application from the ground up. I utilized React.js to create an intuitive and responsive user interface, ensuring a seamless experience for users. On the server side, I leveraged Node.js and Express.js to build robust and scalable APIs that handled various functionalities, such as user authentication, note creation, editing, and deletion.

Working with MongoDB, I developed a flexible and efficient database schema to store user data securely while optimizing query performance. I also implemented features like real-time updates and data synchronization to enhance the app's usability.

This internship not only strengthened my technical skills but also deepened my understanding of the development lifecycle, from initial design to deployment. By the end of the project, I had successfully delivered a fully functional NoteApp that met the project requirements and exceeded performance expectations. This experience has fueled my passion for web development and has prepared me to tackle more complex challenges in the field.

1.1 Internship Objectives

The primary objectives of my internship were to:

1. **Gain Practical Experience:** Apply my web development skills in a real-world environment by working on a full-stack project using the MERN stack.
2. **Develop Technical Skills:** Enhance my proficiency in modern web technologies, including MongoDB, Express.js, React.js, and Node.js.
3. **Contribute to a Real Project:** Develop a functional NoteApp that allows users to create, edit, and manage notes efficiently.
4. **Understand Industry Standards:** Learn about best practices in web development, including project management, version control, and responsive design.