UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY, MDU (ROHTAK)

Project - II

PROJ-CSE-423G

SEMESTER - 7th (CSE-B)

Submitted To:

Dr. Rainu Nandal

Submitted By:

Name: Prithviraj singh
Roll No: 2214107

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Lastly, I extend my appreciation to all those who contributed directly or indirectly to the successful completion of this report.

ABSTRACT

This report presents an overview of my academic background, professional internships, technical skills, and projects as a prospective frontend engineer. It highlights my journey in computer science, hands-on experience in modern web technologies, and passion for clean, responsive, and user-focused design. The document also includes detailed insights into the projects I developed, certifications earned, and my aspirations for a career in frontend engineering.

TABLE OF CONTENTS

1. PROFILE OVERVIEW & CAREER OBJECTIVE

CAREER OBJECTIVE

To obtain a responsible and challenging position in a reputable organization where I can utilize my academic knowledge, technical skills, and innovative thinking to contribute to organizational success while enhancing my professional growth.
I aim to develop expertise in my field, take on meaningful responsibilities, and actively participate in projects that promote creativity,
efficiency, and sustainable development. My goal is to build a progressive career that combines learning, leadership, and long-term
professional impact.

PROFILE OVERVIEW

I am dedicated and results-oriented individual with a strong academic background
and a keen interest in applying theoretical knowledge to practical challenges. With a focus
on continuous learning, innovation, and problem-solving, he demonstrates a proactive
approach to achieving excellence in both academic and professional pursuits.
His ability to adapt to new technologies, work effectively in teams, and maintain high standards of integrity reflects a commitment to personal and organizational growth.

2. EDUCATION & TECHNICAL PROFICIENCY

Educational Background:

Bachelor of Technology (B.Tech) in Computer Science and Engineering, UIET, Maharishi Dayanand University, Rohtak. Expected Graduation: 2025. CGPA: 7.1/10.

Core Subjects: Data Structures, Operating Systems, Database Management Systems, Object-Oriented Programming, and Design & Analysis of Algorithms.

Technical Skills: Java, C, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Git/GitHub, Figma, Canva, and VS Code.

3. INTERNSHIPS & PROFESSIONAL EXPERIENCE

IBM SkillBuild Frontend Internship

Completed a 6-week remote internship focusing on modern web development. Learned to apply HTML, CSS, and JavaScript to design interactive and responsive interfaces. Gained experience in Git-based workflows and professional collaboration.

Blockchain & Cybersecurity Internship (BIT Mera, Ranchi)

Explored Distributed Ledger Technology (DLT), smart contracts, cryptographic hashing, and cybersecurity principles. Set up private blockchain environments and performed basic penetration testing exercises.

4. PROJECTS (DETAILED DESCRIPTIONS)

Project 1: Rapid News WebApp

Developed a dynamic web app using HTML, Tailwind CSS, JavaScript, and News API to fetch and display real-time headlines. Integrated search filters and a mobile-first responsive layout.

Project 2: Scalable Blog WebApp

Designed a CRUD-enabled blogging platform that allows users to create, edit, and view posts. Focused on responsive design and smooth UI/UX flow.

Project 3: Personal Portfolio Website

Created a personal portfolio website highlighting my skills, achievements, and professional projects. Used animations and dynamic content sections to enhance engagement.

5.CERTIFICATIONS & ACHIEVEMENTS

•IBM SkillBuild Frontend Internship Certificate – Verified proficiency in modern web development tools and practices.

•Blockchain & Cybersecurity Internship Certificate – Recognized understanding of blockchain structure and cybersecurity fundamentals.

•Hackathon Participation (UIET, MDU Rohtak) – Demonstrated teamwork, quick problem-solving, and coding efficiency under pressure.

6.STRENGTHS & ATTRIBUTES

- Clean Coding – Focused on writing efficient, maintainable code.

- Responsive Design – Skilled in mobile-first and cross-device web layouts.

- Team Collaboration – Experience working with Git/GitHub in a team environment.

- Rapid Learner – Adapts quickly to emerging technologies and frameworks.

- Frontend Focus – Dedicated to building engaging and accessible interfaces.

7. CONCLUSION

This report demonstrates my technical proficiency, academic foundation, and project experience as a prospective frontend engineer. Through internships, projects, and continuous learning, I have developed the ability to translate ideas into functional, responsive, and user-centric digital solutions. My long-term vision is to contribute to modern web application development teams that emphasize quality, collaboration, and innovation.

8. REFERENCES & CONTACT INFORMATION

Email: prithviraj2511singh@gmail.com

Phone: +91 9508933534

LinkedIn: linkedin.com/in/prithviraj-singh-284195277

All references, certificates, and project documentation are available upon request.