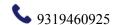
# Vanshika Parjapati









## **EDUCATION**

# **Bachelor of Technology in Computer Science Engineering**

**CGPA: 8.6** 

Deenbandhu Chhotu Ram University of Science and Technology, Murthal

### WORK EXPERIENCE

## Intern at ERICSSON India Global pvt ltd. (Gurgaon) | Onsite

July 2024 - August 2024

2021-2025

- Developed a robust email automation tool during the internship, leveraging Microsoft Outlook APIs, Python, and Flask to streamline communication workflows, including tasks such as sending templated emails, managing attachments, and ensuring secure, efficient handling for both internal teams and external stakeholders.
- Enhanced server management expertise by completing a comprehensive Linux course, mastering system administration, shell scripting, and command-line tools. Applied these skills to troubleshoot and optimize virtualized server environments within the Ericsson infrastructure.

## **PROJECTS**

## **1. SOCIAL MEDIA APP** | *MERN*, *Tailwind CSS*, *Socket.io*

Github

- Developed a feature-rich social media application with user authentication, profile management, post creation/editing, and real-time viewing using React and Node is. Integrated follower/following systems.
- Implemented a real-time chat system using Socket.io for instant peer-to-peer messaging, ensuring low-latency communication. Optimized backend APIs for dynamic updates for profiles and post interactions.

## 2. EXPENSE MANAGEMENT APP | MERN

Github

- Developed a robust expense management application enabling users to perform CRUD operations on expenses with detailed attributes (category, amount, description, date) and offering features like real-time budget tracking, data filtering by date, and dynamic expense summaries for financial insights.
- Implemented advanced data handling and export functionalities, including seamless integration of React-CSV for downloadable reports, secure user authentication with JWT, and RESTful API endpoints to ensure efficient backend communication and enhanced data security.
- **3. BOOK-FINDER APP** | React, python, flask

Github

- Engineered and deployed a dynamic Book Finder application, leveraging React for an interactive interface and Flask for backend integration, streamlining the search for library book locations by title and author.
- Optimized data handling by integrating an Excel-based dataset, enabling seamless retrieval and display of precise location details, including row, rack, and library floor, ensuring efficient and user-friendly navigation.
- **4. SORTING VISUALISATION** | javascript, Html/Css

Github

Developed an interactive Sorting Algorithm Visualization tool for implementing algorithms such as Bubble Sort,etc showcasing dynamic data representation and algorithmic efficiency through real-time visual feedback...

## **TECHNICAL-SKILLS AND INTERESTS**

- **Programming languages**: C/C++, Python, Javascript, HTML/CSS.
- Frameworks and Libraries: Express.js , React.js , Flask , Tailwind CSS .
- **Tools**: VS.studio, Postman, Github, Node is.
- **Relevant Coursework:** DSA, Object-oriented programming in C++, Operating system, DBMS.
- Cloud/Databases: MongoDb, Relational Database(mySql)
- Areas of Interest: Web Design and Development.
- **Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

#### **ACHIEVEMENTS**

- Achieved a position in the top 5% percentile of the university in the end semester examination and earned a scholarship for the same. Maintained a highest CGPA of 9.05.
- Secured a 2-star rating on *Codechef* through consistent and high-level participation in programming contests.