

# Vanshika Parjapati



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[Github](#)

## EDUCATION

**Bachelor of Technology in Computer Science Engineering**

2021-2025

Deenbandhu Chhotu Ram University of Science and Technology, Murthal

CGPA : 8.6

## WORK EXPERIENCE

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

July 2024 -August 2024

- **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.js. 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 js .
- **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.