

EDUCATION

Electrical Engineering B.TECH National Institute of Technology Agartala 2020-2024	8.63 CGPA
Senior Secondary CBSE Vivekanand Mission School 2020	88.8%
High School CBSE Vivekanand Mission School 2018	89.2%

EXPERIENCE

Terawe Corporation | Software Development Engineer (Full Stack, Cloud) June 2024 – Present

ManageX Storage Inspector (Azure Tenant Management System – Enterprise Solution)

- Contributed to a cloud-based solution for Azure tenant storage management and enterprise cost analysis systems.
- Implemented a Cost Calculator module to estimate billing for Azure education tenants based on Microsoft A1, A3, and A5 licenses.
- Built predictive cost-forecasting models for Azure storage to support budgeting, license planning, and resource allocation.
- Worked on Azure services, REST APIs, Node.js, and JavaScript, focusing on performance optimization, system integration, and scalable backend development.

HRMS Platform – Internal Project

- Designed and developed employee management, leave management, and authentication modules for managing 50+ users.
- Integrated SMTP-based email notifications and interactive calendar views to visualize holidays, leaves, and team availability.
- Strengthened application security using role-based access control, protected REST APIs, and secure authentication mechanisms.

App Modernization

- Modernized a legacy presentation platform using React.js and Redux for improved performance, maintainability, and scalability.
- Integrated advanced media controllers to enhance interactivity, responsiveness, and overall user engagement across the platform.
- Optimized UI/UX design to ensure smoother navigation, accessibility, and better usability for enterprise-level users.

Coding Ninja | Teaching Assistance (Intern) - Data Structure in C++ [LINK] March 2023- July 2023

- Mentored 400+ students in Data Structures and Algorithms using structured C++ programming sessions.
- Conducted live debugging and problem-solving workshops to improve coding efficiency.
- Evaluated assignments and guided students on algorithm optimization and clean coding practices.

PROJECTS

Project Management Portal | [GitHub]

- Developed a scalable backend using Flask to manage projects, notifications, user interactions, and intelligent skill-matching features.
- Enhanced frontend search and filtering by project name, technologies, and team members to improve usability and navigation.
- Improved application performance, scalability, and reliability through optimized API design and efficient database handling.

CloudNote | [GitHub]

- Developed a secure notes management web application with user authentication, password hashing, protected routes, and full CRUD operations for creating, editing, and deleting notes.
- Built using React.js, Node.js, Express.js, MongoDB, Bootstrap, and CSS, with alert notifications and data protection mechanisms.

Codial | [GitHub]

- Built a social networking platform with Google authentication, posts, comments, likes, messaging, and friend interactions.
- Implemented a real-time chat and notification system using WebSocket for bidirectional communication with Node.js, Express.js, and MongoDB.

TECHNICAL SKILLS

Programming Languages: C, C++, JavaScript, TypeScript, Python
Frontend: HTML, CSS, React.js, Tailwind CSS, Bootstrap, Material UI
Backend: Node.js, Express.js, Flask, FastAPI, REST APIs, WebSocket, Redis
Databases: MySQL, MongoDB
Cloud and Tools: Azure, Git, GitHub, CI/CD, Docker, VS Code
Core CS: Data Structures and Algorithms, OOP, DBMS, System Design (Basics)

CERTIFICATIONS AND ACHIEVEMENTS

Azure Data Scientist Associate – Microsoft [View]
REST API Intermediate – HackerRank [View]
Data Structures in C++ – Coding Ninjas [View]
LeetCode Rating: 1640 [View]
Codeforces Rating: 1286 [View]
9th rank, Regional Mathematic Olympiad (2017) [View]