

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]