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JEET SARKAR

Aspiring Software Developer | Web & Backend Enthusiast

Education

Techno International New Town
Bachelor of Technology in Computer Science and Engineering(B.Tech CSE)

Professional Summary

Motivated Computer Science undergraduate with hands-on experience in full-stack web development, backend systems, and problem-solving using Data Structures & Algorithms. Experienced in building real-world projects involving authentication, APIs, databases, and role-based systems. Passionate about scalable backend engineering and continuous learning.

Technical Skills

Programming Languages: C, C++, Java, Python, JavaScript, C#

Frontend: React.js, HTML5, CSS3, Tailwind CSS, Vite

Backend & APIs: Node.js, Express.js (working knowledge), Flask, REST APIs, Firebase Auth

Databases: Firebase Firestore, MySQL, MongoDB

Tools: Git, GitHub, Docker, Postman, MongoDB Compass

CS Fundamentals: DSA , OOP, Client–Server Architecture

Projects

GreenPlate

Tech: React.js, Firebase (Auth & Firestore), REST APIs, FastAPI (integration)
Developed a role-based college canteen management system that enables administrators to manage food stalls and staff access securely. Built the admin dashboard using React.js and implemented email-based authentication and authorization using Firebase. Designed frontend logic for stall and staff management, integrated real-time database updates, and connected the frontend with backend APIs for verification workflows. Collaborated in a team environment to ensure secure data flow and scalable application structure.

Student Discount Finder

Tech: React.js, JavaScript, APIs
Built a web application that helps students discover available discounts and offers from multiple platforms in a single interface. Developed the frontend using React.js, implemented API-based data fetching, and managed component state for dynamic content rendering. Focused on clean UI, responsive design, and usability while strengthening skills in frontend architecture and real-world API integration.

SupVision

Tech: Backend APIs, Database Concepts, HTTP Requests
Worked on a digital attendance and verification system aimed at automating traditional attendance processes. Contributed to backend request handling using GET and POST methods, implemented data validation and error-handling logic, and gained practical experience with database interaction. Strengthened understanding of backend workflows, client–server communication, and secure data processing.

Experience & Practical Learning

Hands-on experience in full-stack and backend development through real-world projects. Worked with authentication systems, APIs, databases, Git-based collaboration, and applied DSA fundamentals in problem-solving.