

A.Sanjana Senapati

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PROFESSIONAL SUMMARY

- Full-stack and backend developer skilled in Python, FastAPI, Node.js, and MongoDB. Built secure RESTful APIs with JWT, deployed scalable apps using AWS and CI/CD. Solved 300+ DSA problems on LeetCode. Passionate about clean code and backend architecture.

EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

8.75 CGPA

July 2021 - July 2025

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, MySQL, HTML5, CSS3

Backend Frameworks: FastAPI, Flask (basic), Node.js, Express.js

Frontend: React.js, Next.js, Redux, Tailwind CSS

Databases: MongoDB, MySQL, MS SQL Server, PostgreSQL

DevOps and Tools: Git, GitHub, Postman, Swagger/OpenAPI, Docker (basic), CI/CD (GitHub Actions), Webpack

Cloud and Deployment: AWS (EC2, S3), Netlify

Concepts: REST APIs, JWT Authentication, OOP, DSA, DBMS, OS, Agile, Microservices

PROJECTS

Zesty - Food Ordering Platform | MERN Stack

August 2024 - September 2024

- Developed a responsive full-stack food ordering platform using MongoDB, Express.js, React.js, and Node.js.
- Implemented secure JWT authentication and integrated Stripe for digital payment processing.
- Designed and consumed REST APIs, implemented CI/CD with Render, and optimized UI with Tailwind CSS.

Meditech - Healthcare Platform | Python + FastAPI Backend API

May 2024 - June 2024

- Built a healthcare system with role-based access control (Admin, Doctor, Patient).
- Developed modular backend services with secure REST APIs and JWT tokens for session management.
- Deployed using Netlify and Render with automated CI/CD pipelines for production scalability.

CERTIFICATIONS

AWS Certified Solution Architect

10 July,2024

AWS

Industrial IoT and Security

17 February,2023

Coursera

Python,Kaggle

21 January,2023

Kaggle

PROFESSIONAL EXPERIENCE

- Developed scalable client applications using React.js and Node.js.
- Created secure API endpoints and schema models using Express.js, MongoDB, and JWT.
- Collaborated using GitHub and managed deployments via AWS and Netlify.

LEADERSHIP AND ACHIEVEMENTS

- Team Lead – Management Team, Odia Club, VIT Bhopal (Apr 2023 – May 2024):** Led cross-functional teams to improve project efficiency by 33% through structured planning.
- Core Member – Technical Team, FinTech Club (Jan 2023 – Apr 2024):** Developed financial models, organized blockchain workshops, and improved engagement by 30%.
- Scholarships:** 18,000 rupees(8th NMMS), 10,000 rupees(10th Board)for academic excellence.
- Leetcode Practice:**Solved 300+ problems focusing on dynamic programming, trees, and graphs.