

Manik Chaudhary

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Education

Vellore Institute of Technology (VIT), Vellore
B.Tech in Computer Science and Engineering (Core)

- CGPA: 8.58/10 (Till Sem 4)

2023 – Present

Experience

Introis Technologies

Remote

Full Stack Developer Intern

Jun 2025 – Present

- Built a warranty claim platform using React, Node.js, MySQL for Exide Batteries.
- Created REST APIs, automated cron jobs, and integrated third-party services.
- Forecasted 30–40% faster claim handling based on internal simulations.

Application Testing Intern

May 2025 – Jun 2025

- Built Python-based QA automation for hospital data ingestion and processing.
- Simulated file workflows (decryption, merging, validation) with error checks.
- Internal testing showed 35–50% potential boost in test cycle turnaround.

Technical Skills

Languages: Python, C/C++, Java, JavaScript, TypeScript

Web: React, Tailwind, Bootstrap, HTML, CSS, Node.js, Express

Database: MySQL, MongoDB

Tools: Git, npm, Figma, MATLAB, AWS

Concepts: Full Stack Dev, DSA, API Design, Automation

Projects

DevMetric

[GitHub](#) 

- Tech Stack: React, Tailwind, Node.js, Express, Gemini AI, MongoDB
- AI-powered platform for analyzing GitHub, LeetCode, and resumes with ATS scoring.
- Integrated Gemini SDK for insights; built Markdown-based output and dark mode UI.

Mess Management System for Colleges

[GitHub](#) 

- Tech Stack: React, Tailwind, Node.js, MongoDB, Recharts, Framer Motion
- Created student meal registration and waste analytics dashboards for VIT mess.
- Built custom dark theme UI, notifications, and REST APIs with Mongo models.

Session Management System

[GitHub](#) 

- Tech Stack: React, Bootstrap, Node.js, JWT, Express
- Implemented session timeout with auto-logout and protected routing via JWT.
- Used Context API, hooks, and event listeners to track user activity securely.

XML to MySQL Updater with Cron Job

[GitHub](#) 

- Tech Stack: Node.js, MySQL, xml2js, node-cron
- Automated XML parsing and upsert into MySQL with hourly cron scheduling.
- Built fault-tolerant syncing logic with schema validation and logs.

Certifications

- Web Development Bootcamp — Udemy
- DSA using C/C++ — Udemy
- *Pursuing AWS Associate Developer Certification
- Deloitte Australia - Data Analytics Job Simulation - Forage

Extracurriculars

- Mozilla Firefox Club:** Senior Core – Design Domain
- Hackathons:** VIT-wide and national coding/design contests
- School Sports Captain:** Led inter-school events and teams