

Sujay Babu Tumu

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SUMMARY

Aspiring **Software Development Engineer** skilled in **DSA** and building **scalable web applications**. Strong in **problem-solving** and effective in **team collaboration**, passionate about building **real-time software systems**.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE	Indian Institute of Information Technology, Nagpur	7.5	2022-26

EXPERIENCE

SDE Intern – TripFactory (Upcoming)

Dec 2025 - Jun 2026

Tech: JavaScript, React.js, Node.js, REST APIs

Bengaluru

- Offer accepted for a **6-month SDE Internship** focused on **full-stack development** and production-grade systems.
- Will work on **feature development**, **API integration**, and **performance improvements** across user-facing modules.

SDE Intern – LabelLift

Oct 2025 - Nov 2025

Tech: React.js, Node.js, Next.js, Cloudinary, Git, JavaScript

Remote

- Improved overall platform load times by **40%** and further boosted media processing speed by **35%**.
- Built robust **real-time features** using Socket.io, significantly enhancing engagement for **10,000+ users**.

Full-Stack Developer Intern – UdrCrafts

Sept 2025

Tech: MongoDB, Express.js, React.js, Node.js, JWT, Socket.io, REST APIs, Git

Remote

- Built MERN-based real-time modules supporting **5,000+ users** with optimized MongoDB queries (**45% faster**).
- Implemented secure **JWT authentication** and streamlined API workflows, improving request handling efficiency.

PROJECTS

Multi-Vendor Food Delivery App

May 2025 - July 2025

Tech Stack: MERN Stack, JWT, REST API

[GitHub](#) | [Deploy](#)

- Built a scalable food ordering app with **vendor onboarding** and **role-based access** for Users, Vendors, and Admin.
- Integrated **JWT auth**, modular **RESTful APIs**, and optimized **MongoDB** for fast orders and analytics.
- Achieved **<200ms API latency**, ensured **95%+ responsiveness**, and enabled seamless vendor workflows.

Real-Time Chat Application

Feb 2025 - Apr 2025

Tech Stack: React, Node.js, Express, MongoDB, Socket.io

[GitHub](#) | [Deploy](#)

- Developed a live chat system with **1-on-1/group messaging**, typing indicators, and **100+ concurrent users**.
- Used **Socket.io** for real-time delivery and online presence; added **token-based user auth**.
- Designed a responsive **React UI** with **chat history sync** across sessions and devices.

College Management System

Oct 2024 - Dec 2024

Tech Stack: HTML, CSS, Flask (Python), MySQL

[GitHub](#)

- Built centralized web system for **enrollment**, **attendance**, and course tracking of **500+ users**.
- Implemented secure **Flask authentication** and optimized MySQL schema, improving data access by **30%**.
- Collaborated in a **4-member team** to design dashboards and tune queries, reducing latency to **<200ms**.

SKILLS

- Programming & CS:** C, C++, Python, **DSA**, OOP, OS, **DBMS**, ML, Data Analytics, Software Testing
- Web Development:** HTML, CSS, **JavaScript**, TypeScript, React.js, Redux, Node.js, Next.js, Express.js
- Backend & Databases:** MySQL, **MongoDB**, **REST APIs**, JWT Auth, Socket.io, **FastAPI**
- AI & DE:** NumPy, **Pandas**, Scikit-learn, TensorFlow, LangChain, **Power BI**, Data Preprocessing
- DevOps & Cloud:** Git, AWS, Cloudinary, **Postman**, CI/CD, Docker, **Jenkins**, VS Code, Kubernetes
- Problem Solving & Soft Skills:** Verbal Ability, **Logical Reasoning**, Teamwork, **Leadership**, Communication

ACHIEVEMENTS

- DSA Practice**, Solved **400+ problems** across **LeetCode**, **GFG**, and other platforms enhancing problem-solving skills.
- Udemy Certifications**, Completed **Web Development**, **GitHub Mastery**, **ReactJS**, **SQL** and **JavaScript** courses.
- EAMCET & JNV**, Secured top ranks in EAMCET (TS: **2036**, AP: **2218**) and qualified JNV Entrance (Top **1%**).
- INTSO**, Won **National Gold Medal** in INTSO (Math & Aptitude), ranking in the **top 1%** nationally.