

Sujay Babu Tumu

📞 7396359103 | ✉ Email | 🌐 Portfolio | 🐙 GitHub | 🔗 LinkedIn | 💻 LeetCode | 📺 GFG

SUMMARY

Aspiring **Software Development Engineer (SDE) / Full Stack Developer** with strong skills in **Data Structures & Algorithms (DSA)** for efficient coding and hands-on experience in building **scalable applications** using the **MERN stack** for **Web Development**.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE	Indian Institute of Information Technology, Nagpur	7.43	2022-26
Class XII	BIEAP (Andhra Pradesh State Board)	92.1%	2020-22
Class X	SSC	100%	2020

EXPERIENCE

SDE Intern – LabelLift

Oct 2025

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

Remote

- Built LabelLift’s music platform using **React.js** and **Node.js**, improving load times by **40%**.
- Added **real-time updates** via Socket.io for playlists and notifications to **10,000+ users**.
- Integrated **Cloudinary** for faster media handling, boosting performance by **35%**.
- Worked in a **remote agile team**, reducing bug resolution time by **25%**.

Full-Stack Developer Intern – UdrCrafts

Sept 2025 - Present

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

Remote

- Developed full-stack MERN web apps with **real-time interactions**, serving over **5,000 concurrent users**.
- Designed and deployed **secure REST APIs** with JWT authentication, ensuring **99.9% uptime** for user sessions.
- Optimized MongoDB queries and schema, improving data retrieval speed by **45%** for large music catalogs.

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](#)

- Engineered a role-based platform for **students, instructors, admins** enabling enrollment, attendance, tracking.
- Built secure **session authentication** with relational MySQL schema for efficient course, department, user management.
- Collaborated in a **4-member team** to design dashboards with optimized queries, reducing response time to **<200ms**.

SKILLS

- Languages:** C, C++, Python
- CS Subjects:** DSA, OOP, OS, DBMS, Machine Learning
- Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- Backend & Databases:** MySQL, MongoDB, REST APIs, JWT Auth, Socket.io
- Tools:** Git, AWS, Cloudinary, Postman, VS Code
- Problem Solving & Soft Skills:** Verbal Ability, Logical Reasoning, Teamwork, Leadership

ACHIEVEMENTS

- DSA Practice**, Solved **300+ LeetCode** problems (Rating: **1610, Top 20%**) and **100+ GFG** problems.
- Udemy Certifications**, Completed **Web Development, GitHub Mastery** and **Modern JavaScript** courses.
- EAMCET & JNV**, Top ranks in EAMCET (TS: **2036, AP: 2218**) and JNV Entrance (Top **1%**).