Sujay Babu Tumu

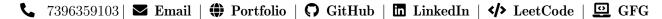📞 7396359103 | ✉ Email | 🌐 Portfolio | GitHub | 🔗 LinkedIn | </> LeetCode | GFG

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, Nodejs, Nextjs, Cloudinary, Git, JavaScript   Remote
- Built LabelLift's music platform with **React.js** and **Node.js** for smooth user experience.
- Added **real-time updates** via Socket.io for playlists and notifications.

Full-Stack Developer Intern – UdrCrafts   *Sept 2025 - Present*
Tech: MongoDB, Express.js, React.js, Node.js, JWT, Socket.io, REST APIs, Git   Remote
- Built full-stack MERN web apps with real-time features.
- Implemented **REST APIs**, JWT auth, and optimized MongoDB for large music catalogs.

PROJECTS

Multi-Vendor Food Delivery App   *May 2025 - Aug 2025*
Tech Stack: MERN Stack, JWT, REST API   GitHub | Deploy
- Architectured a scalable food ordering platform with **vendor onboarding**, product controls, 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   *Jan 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
- **Databases**: MySQL, **MongoDB**
- **Backend & Tools**: Git, GitHub, **Postman**, VS Code, JWT Auth, **REST APIs**, Socket.io
- **Problem Solving & Aptitude**: Puzzle Solving, **Logical Reasoning**, Verbal Ability
- **Soft Skills**: Teamwork, **Leadership**, Analytical Thinking, Communication

ACHIEVEMENTS

- **DSA Practice**, Solved **300+ on LeetCode** (Rating: **1610, Top 20%**) and **85+ on GFG**, reinforcing core problem-solving.
- **Udemy Certifications**, Completed **GitHub Mastery** and **Modern JavaScript** courses to enhance web dev skills.
- **INTSO**, Won **National Gold Medals** in Maths and Aptitude (Top **1%** nationwide).
- **EAMCET and JNV**, Secured top ranks in EAMCET (TS: **2036**, AP: **2218**) and JNV Entrance (Top **1%**).