

# Sujay Babu Tumu

📞 7396359103 | 📧 Email | 🌐 Portfolio | 🐾 GitHub | 💬 LinkedIn | ↗ LeetCode | 🖥 GFG

## 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

<b>SDE Intern – TripFactory (Upcoming)</b> <i>Tech:</i> JavaScript, React.js, Node.js, REST APIs	<i>Dec 2025 - Jun 2026</i> Bengaluru
• Offer accepted for a <b>6-month SDE Internship</b> focused on <b>full-stack development</b> and production-grade systems. • Will work on <b>feature development, API integration, and performance improvements</b> across user-facing modules.	
<b>SDE Intern – LabelLift</b> <i>Tech:</i> React.js, Node.js, Next.js, Cloudinary, Git, JavaScript	<i>Oct 2025 - Nov 2025</i> Remote
• Improved overall platform load times by <b>40%</b> and further boosted media processing speed by <b>35%</b> . • Built robust <b>real-time features</b> using Socket.io, significantly enhancing engagement for <b>10,000+ users</b> .	
<b>Full-Stack Developer Intern – UdrCrafts</b> <i>Tech:</i> MongoDB, Express.js, React.js, Node.js, JWT, Socket.io, REST APIs, Git	<i>Sept 2025</i> Remote
• Built MERN-based real-time modules supporting <b>5,000+ users</b> with optimized MongoDB queries ( <b>45% faster</b> ). • Implemented secure <b>JWT authentication</b> and streamlined API workflows, improving request handling efficiency.	

## PROJECTS

<b>Multi-Vendor Food Delivery App</b> <i>Tech Stack:</i> MERN Stack, JWT, REST API	<i>May 2025 - July 2025</i> GitHub   Deploy
• Built a scalable food ordering app with <b>vendor onboarding</b> and <b>role-based access</b> for Users, Vendors, and Admin. • Integrated <b>JWT auth</b> , modular <b>RESTful APIs</b> , and optimized <b>MongoDB</b> for fast orders and analytics. • Achieved <b>&lt;200ms API latency</b> , ensured <b>95%+ responsiveness</b> , and enabled seamless vendor workflows.	
<b>Real-Time Chat Application</b> <i>Tech Stack:</i> React, Node.js, Express, MongoDB, Socket.io	<i>Feb 2025 - Apr 2025</i> GitHub   Deploy
• Developed a live chat system with <b>1-on-1/group messaging</b> , typing indicators, and <b>100+ concurrent users</b> . • Used <b>Socket.io</b> for real-time delivery and online presence; added <b>token-based user auth</b> . • Designed a responsive <b>React UI</b> with <b>chat history sync</b> across sessions and devices.	
<b>College Management System</b> <i>Tech Stack:</i> HTML, CSS, Flask (Python), MySQL	<i>Oct 2024 - Dec 2024</i> GitHub
• Built centralized web system for <b>enrollment, attendance</b> , and course tracking of <b>500+ users</b> . • Implemented secure <b>Flask authentication</b> and optimized MySQL schema, improving data access by <b>30%</b> . • Collaborated in a <b>4-member team</b> to design dashboards and tune queries, reducing latency to <b>&lt;200ms</b> .	

## 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 INTO (Math & Aptitude), ranking in the **top 1%** nationally.