Sujay Babu Tumu

B.Tech in **Computer Science and Engineering** (2022-26)
Indian Institute of Information Technology, Nagpur
+91-7396359103
sujaybabutumu@gmail.com

https://leetcode.com/u/sujaytumu/
https://github.com/sujaytumu
linkedin.com/in/tumu-sujay-babu-8633b0274
https://www.geeksforgeeks.org/user/sujaytumu/

SUMMARY

Final-year **B.Tech CSE** student at IIIT Nagpur with a strong foundation in **Data Structures & Algorithms** (280+ problems on LeetCode, 80+ on GeeksforGeeks, Top 17%) and proven experience in developing scalable **full-stack web applications**. Proficient in the **MERN stack**, **JWT authentication**, and **RESTful API** design, with hands-on experience in **MongoDB** and **MySQL**. Familiar with **Agile methodologies**, version control (**Git/GitHub**), and **test-driven development**.
Actively seeking a **SDE internship** (Backend/Full-Stack) to build scalable, impactful systems.

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

TECHNICAL EXPERIENCE

Independent Full-Stack Developer   *Jan 2024 – Present*
Tech: MERN Stack, Flask, REST APIs, Git, Agile   Remote
- Built full-stack apps using **MERN** and **Flask** with real-time features, dashboards, and **secure JWT auth**.
- Used **Agile**, Git, and designed optimized schemas for **MongoDB** and **MySQL** in modular **REST APIs**.

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 – March 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 Web Portal   *Sept 2024 – Nov 2024*
Tech Stack: Flask, SQLAlchemy, MySQL, Bootstrap   GitHub
- Led 4-member team to build CRUD portal for students, results, and attendance using **Flask + MySQL**.
- Achieved **95%+ responsive layout** via Bootstrap; secured admin-side controls.

SKILLS

- **Languages:** C, **C++**, Python
- **Software Practices:** Agile, JWT Auth, **REST APIs**, Socket.io
- **Core CS Subjects:** **DSA**, OOP, OS, **DBMS**, Machine Learning (basic)
- **Web Development:** HTML, CSS, **JavaScript**, React.js, Node.js, Express.js
- **Backend & Databases:** **MongoDB**, MySQL
- **Tools & Platforms:** Git, GitHub, **Postman**, VS Code
- **Problem Solving & Aptitude:** Quantitative Aptitude, **Logical Reasoning**, Verbal Ability, Puzzle Solving
- **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,** Scored **2036 (TS)** and **2218 (AP)** ranks, reflecting strong math.
- **JNV Entrance Exam,** Secured seat in top **1%** nationally, showcasing strong math and reasoning.