

# Sujay Babu Tumu

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## 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 - Present

**Tech:** React.js, Node.js, Next.js, 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 – eduudr

Sept 2025 - Oct 2025

**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](#)

- Architected 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%**).