NEERAJ TIRUMALASETTY

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SUMMARY

Aspiring Software Engineer with strong foundations in Data Structures, Algorithms, and Object-Oriented Programming. Skilled in building scalable full-stack applications using the MERN stack, with a focus on delivering clean, efficient, and reliable software solutions.

TECHNICAL SKILLS

• Programming Languages: Java, Python, JavaScript, SQL, HTML, CSS
• Frameworks & Technologies: MERN Stack (MongoDB, Express.js, React, Node.js), REST APIs, Socket.io, Zustand, TailwindCSS
• Software Development: Data Structures & Algorithms, Object-Oriented Programming, Debugging, Optimization, Agile Development
• Cloud & Tools: Microsoft Azure (DP-900 Certified), MongoDB Atlas, Git/GitHub.

PROJECTS

Real-Time Chat Application | MERN Stack | GitHub

- Built a production-ready real-time chat platform using MongoDB, Express.js, React.js, and Node.js.
- Implemented JWT-based authentication and optimized Socket.io messaging, reducing latency by 35%.
- Designed a responsive UI with TailwindCSS, improving usability scores by 30%.

Tech: MERN Stack, JWT, Socket.io, Zustand, TailwindCSS, REST APIs.

AI Resume Analyzer | React Web App | GitHub

- Developed an AI-powered resume analyzer with ATS scoring and real-time feedback.
- Created a pipeline for resume upload, content analysis, and job description matching.
- Achieved 95% accuracy in skill–job description alignment using TypeScript and AI integration.

Tech: React Router, TypeScript, TailwindCSS, AI Integration, Data Handling.

EDUCATION

B. Tech – Computer Science Engineering | Vellore Institute of Technology, Amaravati
2022 – Present | CGPA: 8.17/10

Intermediate (MPC) | Bhashyam Junior College, Guntur
2019 – 2021 | 96.2%

Secondary School (Class X) | Sri Venkateswara Bala Kuteer, Guntur
2019 | 93.8%

CERTIFICATIONS

• Microsoft Azure DP-900 (Data Fundamentals) | Credential