

Shiva Prasad Neela

Hyderabad | +91-7995289341 | shivaprasad392005@gmail.com | [LinkedIn](#) | [GitHub](#) | [Website](#)

Professional Summary

Aspiring Software Engineer with expertise in designing scalable, secure, and high-performance applications. Proficient in Python, Java, SQL, and cloud technologies. Experienced in building AI-powered solutions using CI/CD and Agile practices. Strong foundation in Data Structures & Algorithms, with a passion for solving complex problems. Skilled in full-stack web development using the MERN stack, driven to create impactful and user-centric solutions.

Education

Gokaraju Rangaraju Institute Of Engineering and Technology

Nov 2022 - Jul 2026

B. Tech, CSE

Hyderabad

- **Achievements:** Current GPA:9.1

Narayana Junior College

2020 - 2022

Board of Intermediate Education

Hyderabad

- **Achievements:** Percentage:97.7

Genius High School, Bhongir

2015 - 2020

CBSE

Bhongir

- **Achievements:** Percentage:87.8

Projects

Smile Genie – AI-Powered Mood Detection App

- Developed a facial expression recognition mobile app using Python and TensorFlow, delivering real-time mood analysis.
- Built a scalable Flask backend and integrated cloud storage for secure image handling, enhancing performance and user experience by optimizing the ML inference pipeline.

TripTogether – Real-Time Location Sharing App

- Developed a secure, real-time location-sharing system with Firebase and Google Maps API, supporting 100+ concurrent users.
- Applied event-driven architecture for low-latency SOS alerts, ensuring scalability, fault tolerance, and customer-focused design.

AbleHire – Inclusive Hiring Platform

- Built an AI-powered job search platform with voice search and chatbot, enhancing accessibility for disabled users.
- Optimized backend with MongoDB and AWS for scalable, distributed, and cost-effective data storage and retrieval.

Technical Skills

- **Programming Languages:** Python, C, Java, SQL, JavaScript
- **Core Computer Science:** Data Structures and Algorithms, Object-Oriented Design, Operating Systems, Complexity Analysis
- **Web Development:** HTML, CSS, JavaScript, MERN Stack, REST APIs
- **Distributed Systems & Cloud:** AWS, Google Cloud, Firebase, Docker
- **Databases:** SQL, MongoDB, Relational Databases, Data Warehousing
- **Software Engineering Practices:** Agile Development, CI/CD, Application Security, Microservices, Version Control (Git, GitHub)

Leadership & Responsibilities

Smile Genie

May 2024 - Aug 2024

Project Lead

- Spearheaded an AI-based real-time research project on facial expression analysis, leveraging machine learning to enhance user experience

Advanced Academic Center (AAC'24)

Mar 2024 - May 2024

Knowledge Lead

- Led knowledge-sharing initiatives on cutting-edge technologies, fostering collaboration and technical learning among peers.

Achievements

- Solved 250+ LeetCode problems across data structures and algorithms, showcasing strong problem-solving and coding skills.
- Earned 4 stars in the Problem Solving domain on HackerRank, showcasing strong algorithmic thinking and coding skills.