

Shiva Prasad Neela

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

Professional Summary

Final-year Computer Science student with strong foundation in data structures, algorithms, and object-oriented design. Experienced in building scalable, secure, distributed systems using Python, Java, and AWS. Delivered customer-focused solutions in Agile teams, applying CI/CD practices to ensure high-quality software. Passionate about solving complex problems and contributing to impactful technology at scale.

Education

Gokaraju Rangaraju Institute Of Engineering and Technology

B. Tech, CSE

- **Achievements:** Current GPA:9.1

2022 - Present

Hyderabad

Narayana Junior College

Board of Intermediate Education

- **Achievements:** Percentage:97.7

2020 - 2022

Hyderabad

Genius High School, Bhongir

CBSE

- **Achievements:** Percentage:87.8

2015 - 2020

Bhongir

Projects

AVA Connect – Welfare Platform

- Designed and implemented a full-stack React and Express system to register 100+ artisans, applying object-oriented design and secure RESTful APIs.
- Engineered IVR support with DTMF navigation for illiterate farmers, enabling fault-tolerant, inclusive reporting and emergency alert broadcasts.

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

JPMC Code for Good Hackathon

Jun 2025

Participant

- Collaborated in an agile team to prototype a social impact solution using React, Node.js, and MongoDB, delivering a demo to JPMorgan mentors.

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 - Present

Knowledge Lead

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

Achievements

- Selected for JPMC Code for Good Hackathon from 50,000+ applicants nationwide
- Solved 250+ LeetCode problems across data structures and algorithms, showcasing strong problem-solving and coding skills.
- Built and deployed production-ready projects serving 100+ users, demonstrating scalable design and customer obsession.