Vengala Eshwar

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EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology   2022 - 2026
B.Tech in Computer Science and Engineering (CGPA: 9.4)

TECHNICAL SKILLS

- **Languages:** Java + DSA, Python , Javascript, C++, C ,problem solving
- **Web Technologies:** HTML, CSS, ReactJS, NodeJS, ExpressJS, Tailwind CSS, Mongoose,Hibernate,Spring Framework.
- **Databases:** MySQL, MongoDB
- **Developer Tools:** VS Code, Git, GitHub, Postman
- **Machine Learning**:pandas, numpy, scikit-learn
- **Soft Skills:** Communication, Teamwork, Adaptability, Leadership.

ACHIEVEMENTS

- **Gold Badge** in Problem Solving (DSA) and Java and HackerRank with good understanding of Oops concepts, with 1100+ solved problems and top 4.5% rank on LeetCode **(2000+ rating and knight)**.
- 3-Star Rating on CodeChef with 250+ problems solved and **Global Rank 74** on Smart Interviews platform (out of 40,000+ users).
- Certified in C and Python by Cisco and **MERN Stack Certification** by PW Skills.

EXPERIENCE

SI-Mentor   2024-2025
Mentored 300+ students in mastering Data Structures and Algorithms, improving their problem-solving skills and contest performance.

Tech Member, FSW-GRIET   2023-2025
As a tech member of the FSW-GRIET club, I manage the club's technical infrastructure and contribute to the development of its official web pages. Additionally, I have helped organize FOSS events and the Vivitsu Hackathon.

Training Team, XKernal-GRIET   2023-2025
As a training team member of XKernal-GRIET, I contribute by preparing coding questions and assisting in organizing annual coding contests and events.

PROJECTS

Finverse (ExpressJS, NodeJS, Gemini AI, Unix/Linux)↪   2024
- Built a financial literacy platform with real-time **information retrieval** using multiple APIs and a Gemini AI-powered chatbot.
- Deployed and tested backend services in a Linux environment using CLI tools.

NeuroVista (ML Model, ReactJS, Flask)↪   2024
- Developed a predictive ML model for **Parkinson's disorder** using Python, integrated with **Flask** for inference and a **ReactJS** frontend.
- Applied preprocessing, feature extraction, and validation to enhance accuracy and model reliability.

Hope-Bridge (ML Model, MERN stack)↪   2025
- Engineered **HopeBridge**, a MERN-stack platform enabling secure adoption workflows, transparent donation tracking, and orphanage connectivity over **HTTP/TCP-IP**.
- Implemented role-based access, real-time communication, and deployed the system on **Render** with seamless data handling and modular scalability.

Word-Wave (ReactJs)↪   2025
- Built a secure full-stack blog application using **Spring Boot** and **Spring Security** for authenticated access and session handling.
- Developed complete **CRUD operations** for posts and comments with REST APIs and integrated a responsive frontend using ReactJS.