SHIVARAJ N KENGANNAVAR

shivarajnkengannavar@gmail.com | +91 9353921635 | Bengaluru, Karnataka
LinkedIn : linkedin.com/in/shivarajkengannavar | GitHub : github.com/ShivarajNKengannavar

PROFESSIONAL SUMMARY

Final-year Computer Science student and OCI Certified Architect Associate with a focus on Full-Stack Development and Generative AI. Proven track record of building secure, scalable applications using Python, Flask, Java, C, Machine Learning and Cloud Infrastructure. Seeking to leverage strong problem-solving skills in a Software Engineering or Developer role.

SKILLS

Languages: Python, C++, C, Java
Web & AI: Flask, Streamlit, HTML, CSS, RAG, LLM
Databases: MySQL, PostgreSQL, MongoDB, Oracle Cloud Infrastructure (OCI)
Cloud & DevOps: Git, Oracle Cloud, Docker
Tools & Platforms: GitHub, Postman, Figma, FFmpeg, VS Code, You Only Look Once (YOLO)

EDUCATION

B.Tech in Computer Science and Engineering | CMR University | 2022 – Present | **CGPA: 8.70**

Pre-University Course (PUC) | SBGNS Composite Rural PU College, Karnataka | 2020 – 2022 | **83%**

EXPERIENCE

Java Intern | Besant Technologies | Aug 2025 - Sep 2025

- Engineered **5+** Java-based applications, focusing on Object-Oriented Programming (OOP) principles and data structures.
- Developed a multithreaded file processor, maintaining a student database using Java JDK Kit and MySQL for my mini project.
- Streamlined code logic for mini-projects, reducing execution time by **15%** through optimized algorithm implementation.

PROJECTS

Precision Fertilizer Management System | Tech: Python, MySQL, HTML/CSS, Machine Learning | Mar 2025 - Jun 2025

- Developed a data-driven web application to provide optimized fertilizer recommendations for various crops based on soil type, moisture, and nutrient data.
- Created a predictive algorithm that led to an estimated **20%** reduction in fertilizer waste, promoting sustainable agricultural practices.

hiREsume: AI-Driven Career Development and Content Generation | Tech: Python, Streamlit, CSS | Oct 2025 - Nov 2025

- Developed an end-to-end career platform utilizing Gemini Pro API for semantic resume-to-JD matching with **90%+ accuracy**.
- Designed a professional, user-focused interface and implemented an AI mock interview chatbot to provide actionable insights and improve job readiness.

SecureStego – Multi-Media Steganography System | Tech: Python, Flask, AES, LISP, RSA, HTML, CSS | Nov 2025 - Dec 2025

- Built a high-security system embedding encrypted data into Image/Audio/Video files using hybrid RSA/AES-GCM encryption.
- Optimized large-file handling through chunked embedding and FFmpeg processing, maintaining **99% data integrity post-extraction.**

CERTIFICATES

- Oracle Cloud Infrastructure ([Link](#))
- Internship Certificate ([Link)](#)

ACHIEVEMENTS

Freelance Technical Mentor | Jan 2024 – Present

- Architected and mentored **30+** B.Tech capstone projects, specializing in Full-Stack and ML domains, ensuring **100%** successful deployment.
- Conducted technical code reviews and debugging sessions, improving student average project grades by **20%**.