

# ROHIT GARWAD

Full-Stack Developer • AI/GenAI Engineer • Agentic AI • Java • React • Python

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## PROFESSIONAL SUMMARY

Full-stack and AI engineer with hands-on experience building **Agentic AI applications**, LLM-powered systems, and end-to-end web platforms. Skilled in designing modular AI agents, RAG pipelines, serverless automation, and scalable backend APIs using **Java, React, Python, LangChain**. Recognized for rapid learning, problem-solving (**5-Star HackerRank**), and delivering production-ready code.

## TECHNICAL SKILLS

AI & GenAI	LangChain, LangGraph, LLMs, RAG, Vector DBs (FAISS/Chroma), Agentic AI, Streamlit, CrewAI
Languages	Java, JavaScript, Python, TypeScript
Frontend	React.js, Next.js, Redux, Tailwind CSS, MUI, Shadcn UI
Backend	Spring Boot, Node.js, Express.js, REST APIs, WebSockets
Databases	MySQL, PostgreSQL, MongoDB, Vector DBs
DevOps	AWS, Git, GitHub, Docker, CI/CD, Linux

## EXPERIENCE

### Software Development Intern — Edunet Foundation

Nov 2023 – Apr 2024

- Built a **full-stack web application** (React + Spring Boot) as part of an internal capstone project
- Developed **REST APIs** and integrated MySQL/MongoDB, improving backend reliability
- Enhanced UI responsiveness using **Tailwind CSS and Redux**

React • Spring Boot • Node.js • MySQL • MongoDB • Tailwind CSS

## PROJECTS

### App-Builder — AI Agent System

Python • LangChain • LangGraph

- Built an **AI-powered application generator** producing multi-file project structures automatically
- Designed modular agent workflows with tool integrations for planning, architecture, and coding

### AI-Powered Image Analysis Pipeline

Python • AWS Lambda • Streamlit

- Built serverless image analysis pipeline, reducing per-image processing time by **70%+**

### Project Management System

React • Spring Boot • WebSocket • MySQL

- Full-stack tool with **role-based access**, task tracking, and real-time updates

Also: Cold Mail Generator, Expense Tracker, Gmail Clone, REST Countries API, QR Code Service, 57+ GitHub repositories

## EDUCATION

### MSc Computer Science

A.V. College, Hyderabad | 2022–2024

GPA: 8.31 • First-year Topper

### BSc MECs

Pragati Mahavidyalaya, Hyderabad | 2019–2022

GPA: 9.07

## CERTIFICATIONS

- ✓ Applied Cloud Computing — Microsoft
- ✓ Database Programming with SQL — Oracle
- ✓ Front End Libraries — freeCodeCamp
- ✓ Back End APIs — freeCodeCamp
- ✓ JS Algorithms & DS — freeCodeCamp
- ✓ Responsive Web Design — freeCodeCamp

## ACHIEVEMENTS



**First-Year Topper** , MSc CS



**5-Star Gold Badge** , HackerRank



**57+ GitHub Repositories**