

Irham Saleha

GENERATIVE AI & AGENTIC SYSTEMS ENGINEER

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SUMMARY

Final-year B.Tech Computer Science student moving into Generative AI and agentic systems. Works hands-on with LLM APIs (OpenAI, Gemini, Claude), retrieval-augmented generation and LangChain / LangGraph agent workflows, and has built an AI-driven personalization product end to end. Comfortable across context design, structured output, tool calling and evaluation, and seeking an entry-level Generative AI / Agentic AI engineering role.

CORE SKILLS

Generative AI: Context engineering, RAG & hybrid retrieval, structured output, distillation, eval harnesses, guardrails
Agentic AI: Tool calling, ReAct and plan-execute loops, multi-agent orchestration, n8n workflows
Frameworks: LangChain, LangGraph, AutoGen, TensorFlow
Models: GPT-4o, Claude, Gemini, Llama 3, Qwen; vLLM and Ollama for self-hosted serving
Data & Retrieval: MySQL, Redis, Postgres, VectorDB
Languages & Platform: Java (DSA), Python, JavaScript, HTML, CSS, React.js, Node.js, FastAPI, Docker, Git, GitHub, Claude Code, Claude Cowork, Claude Design
Core Concepts: DBMS, Object-Oriented Programming, Computer Networks

INTERNSHIPS

Generative AI & Agentic AI Intern | TMaxEdTech Feb 2026 - Jul 2026

- Frontend: built interactive interfaces to visualize agent workflows, prompt runs, and evaluation results.
- Backend: developed REST APIs and service logic in Python to orchestrate LLM agents, tool calling, and RAG pipelines.
- Database: designed and integrated schemas to persist conversation history, agent state, and retrieval embeddings.

Java Programming Intern | ExcelR Edutech Pvt. Ltd. (APSCHE) May 2025 - Jun 2025

- Completed a 6-week Java Programming internship focused on Core Java and OOP concepts.
- Developed mini-projects and coding exercises to strengthen problem-solving and programming skills.

PROJECTS

HireGen AI - AI-Powered Recruitment & Candidate Assessment Platform 2026

Skills: Frontend - React | Backend - Node.js, n8n | Database - SQL

- Developed a full-stack AI hiring platform (10 schemas, 8 controllers, 9 service modules) spanning the entire recruitment lifecycle, from job posting to candidate evaluation.
- Engineered a generator-critic LLM pipeline with a 2x buffer-and-filter strategy, powering dynamic MCQ generation and behavioural assessments with consistently high-quality output.
- Built an AI-driven requirement parser that extracts skills, seniority, and weighted criteria straight from job descriptions to drive configurable, criteria-based screening.
- Shipped a production-grade AI service layer - model rotation, throttling, and fallback handling - plus JWT-based RBAC and automated recruiter/candidate notifications.

Vivāha Atelier - Luxury Wedding Invitation Marketing Website 2026

Skills: Frontend - React | Backend - Node.js, n8n | Database - SQL

- Built a fully responsive marketing site for a luxury wedding invitation brand, with a mega-menu, scrollspy navigation, and animated stat counters.
- Rendered categories, products, gallery, and testimonials dynamically from JS data objects, including an image lightbox and an auto-rotating testimonial carousel.
- Added client-side validation for the enquiry and newsletter forms, plus WhatsApp and back-to-top integrations.

EDUCATION

B.Tech, Computer Science & Engineering 2022 - 2026

Mohan Babu University, Tirupati | CGPA 8.66 / 10

Higher Secondary (Class XII) 2020 - 2022

Sri Chaitanya Junior College | 78.4%

SSC (Class X) 2020

Sri Chaitanya E-Techno School | 97.17%

ACHIEVEMENTS

Solved 200+ Data Structures & Algorithms problems on LeetCode
National and district-level basketball player - represented school and college in tournaments

CERTIFICATIONS

Generative AI and Agentic AI - TMaxEdTech (Feb - Jul 2026)
Java Foundation Certification - Infosys Springboard
Java Programming Internship Certificate - ExcelR Edutech Pvt. Ltd. (APSCHE)