

# Jaswanth Gollamudi

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Software engineer with 5+ years building production-grade systems across the full stack — backend, web, and mobile — in fintech and enterprise. Now fully focused on agentic AI engineering: I design and ship LLM-powered systems — multi-agent pipelines, RAG workflows, tool-calling agents. The breadth of what I've built across domains is what shapes how I think about building systems that reason and act. Startups taught me to move fast. Enterprise taught me to build right. Fintech taught me what's at stake when something breaks. I bring all three to how I build agentic systems.

## SKILLS

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**AI & Agents :-** LLMs (Claude, LLaMA 3.3, Groq), LangChain, LangGraph, Spring AI, RAG Pipelines, Hybrid Retrieval, Multi-Agent Systems, Tool Calling, MCP, Vector Stores, Prompt Engineering

**Languages & Frameworks :-** Python, FastAPI, LangChain, LangGraph · Java 17, Spring Boot, REST APIs · React.js, JavaScript, Flutter

**Databases:-** PostgreSQL, pgvector, SQL, Oracle, ChromaDB, Pinecone

**Cloud & DevOps:-** AWS, Docker, Kubernetes, GitLab CI/CD, Grafana, Prometheus

## AI PROJECTS

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### Hybrid RAG Pipeline [github](#)

- Built a FastAPI RAG system with hybrid dense+sparse retrieval, Reciprocal Rank Fusion, LLM reranking, and summarized conversation memory to improve grounding and retrieval quality across multi-turn queries.

### Multi-Agent Customer Support System [github](#)

- Designed a multi-agent support workflow with LLM-based intent routing and specialized worker agents for billing, technical support, and escalation, each operating with tool-specific context and fallback logic.

### RAG Document Agent [github](#)

- Built a source-grounded document question-answering system that ingests enterprise documents, embeds and retrieves relevant chunks, and serves answers over a REST endpoint.

### Text-to-SQL Agent [github](#)

- Built a schema-aware text-to-SQL agent in Java/Spring AI that generates and executes PostgreSQL queries from natural language while enforcing hard safety boundaries to prevent non-read operations.

## EXPERIENCE

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### Software Engineer II

Dec 2023 – Present

*British Telecom (BT Group) · Digital · Bangalore*

- Architected and owned 5+ Spring Boot microservices end-to-end, integrating with 7 GRC systems and processing 10K+ metrics and 5K+ controls — ensuring auditable compliance data flow org-wide.
- Built a customisable executive analytics dashboard with 20+ REST APIs and 13 graphs — enabling leadership to create personalised views across controls, metrics, and GRC insights.
- Developed a data landscaping module replacing OneTrust — eliminating six-figure licensing costs — processing AWS file feeds to map products, applications, and vendors into a single org-wide view.
- Designed Control Tower — a centralised hub aggregating all Compass modules across 7 GRC systems — serving as the daily operational view for 400+ compliance and governance team members.
- Implemented multithreading and batch processing for a scheduled audit log system — automating governance checklists ahead of external audits across the full SDLC compliance lifecycle.
- Built an issue management portal tracking 500+ compliance actions — enabling teams to raise, assign, and resolve governance issues end-to-end with automated alerts and priority tracking.

- Migrating ITAM from a JSP monolith — with three tightly coupled backend services and a single frontend sharing one codebase — to a decoupled architecture with independently deployable Spring Boot backends and a modern React.js frontend.

### **Software Engineer I**

Jan 2022 – Dec 2023

*Trade Lab Technologies · Bangalore*

- Owned and delivered core fintech modules for HDFC Sky — login, equity order management, and mutual fund flows — serving 3M+ users across iOS and Android.
- Integrated REST APIs and WebSockets for real-time trading flows; owned Play Store releases and delivered performance optimisations reducing support tickets by 80%.

### **Application Developer**

Apr 2021 – Jan 2022

*Sub-k Impact Solutions · Hyderabad*

- Built recharge and onboarding features handling 30% of monthly transactions — biometric authentication and document verification — deployed to 10K+ users.

## EDUCATION

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### **B.Tech — Computer Science & Engineering**

2015 – 2019

*Amrita School of Engineering, Bangalore*