

Shivangouda Rajendragouda Patil

Full Stack Developer

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SUMMARY

Full Stack Developer skilled in scalable microservices, real-time systems, and cloud solutions with Java, Spring Boot, Node.js, and Azure. Certified in AI and machine learning via DeepLearning.AI. Proven at optimizing reliability, accelerating deployments, and delivering innovative, high-performance web, mobile, and IoT software.

SKILLS

Java, Spring Boot, NestJS, Microservices, REST APIs, GraphQL, Kafka, RabbitMQ, AWS SQS, Microsoft Azure (App Services, Functions, Blob Storage, Azure DevOps), MongoDB, Redis, Node.js, PowerShell, WebSocket, IoT, Testing

WORK EXPERIENCE

Software Engineer, **Orangecells Innovation Lab Pvt. Ltd.**

Dec 2024 – Jul 2025

Spring Boot, Java, Microservices, Kafka, RabbitMQ, MongoDB, Node.js, PowerShell, Azure App Services, Functions, Blob Storage, Azure DevOps

- Designed and optimized backend microservices for flagship products **Rangr (iOS & Android)** and **Cortex**, enabling real-time fuel usage analytics and enterprise-scale IoT data processing.

- Improved API response latency by 40% through query optimization and efficient caching using Redis.

- Integrated Kafka and RabbitMQ for event-driven architecture supporting 50k+ concurrent data streams.

- Automated Azure DevOps CI/CD pipelines, reducing deployment time from hours to under 20 minutes.

Senior Software Engineer, **Sahaj Gaming**

Sep 2024 – Dec 2024

Spring Boot, NestJS, Redis, WebSocket, Kafka, AWS SQS, Microsoft Azure

- Built scalable multiplayer gaming infrastructure powering **Ludo Xpress** and **Ludo Real Cash**, handling 100k+ daily active users.

- Architected WebSocket-based real-time communication system with sub-200ms latency.

- Enabled cross-cloud deployments across AWS (SQS, EC2) and Azure (App Services), ensuring 99.9% uptime.

- Implemented Redis caching and pub/sub messaging for instant leaderboard and matchmaking updates.

Software Engineer, **Orangecells Innovation Lab Pvt. Ltd.**

May 2023 – Sep 2024

EDUCATION

Bachelor of Engineering (Computer Science), KLE Institute of Technology, Hubli

2017 – 2021.5

PROJECTS

- **Busin.us** & **Nammurabasket** — Online grocery platforms with real-time inventory.

- **WhatsApp CRM** — CRM integrated with WhatsApp Business API.

- ChatGPT Unofficial Unlimited API — Reverse-

engineered API for unlimited ChatGPT usage.

- **Azure Projects** — Personal Resume Website, Image Resizer, API Backend, Chatbot, Monitoring Dashboard.

CERTIFICATIONS & ACHIEVEMENTS

- Scaler Certified Java Professional

- Long-Term Agentic Memory With LangGraph (DeepLearning.AI)

- Introduction to Agent Memory (DeepLearning.AI)

- Email Assistant with Semantic Memory (DeepLearning.AI)

- Email Assistant with Semantic + Episodic Memory (DeepLearning.AI)

- Email Assistant with Semantic + Episodic + Procedural Memory (DeepLearning.AI)

- Baseline Email Assistant (DeepLearning.AI)

- Evaluation and Monitoring (DeepLearning.AI)

- GenAI Applications and LLMOps (DeepLearning.AI)

- Neural Networks and Deep Learning (Coursera)

- Improving Deep Neural Networks (Coursera)

- Structuring ML Projects (Coursera)

- Convolutional Neural Networks (Coursera)

- Neo4j Graph Academy

- IBM Cognitive Class Certificate

- Google Cloud Skills Boost

- AppQ Certificate

- Tryber Certificate

- **Hackathons:** SIH Winner, IncubateInd Runner-up