Deepak Kumar Jha

Technical Lead – BFSI | Microservices | Java Spring | Cloud | AI Automation

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SUMMARY

Technical Lead with **11+ years** of experience (Dec 2014 – Dec 2025) building scalable, secure, high■performance systems across **BFSI** and **E■commerce**. Expert in microservices architecture, Java/Spring ecosystem, API design, performance engineering, cloud■native systems, and AI■driven automation. Proven track record of modernizing legacy systems, leading teams, and improving delivery velocity and reliability.

SKILLS

Languages/Frameworks: Java 8–17, Spring Boot, Spring Cloud
Architecture: Microservices, Event■driven systems, REST APIs, Distributed systems
DevOps: Docker, Kubernetes, Jenkins, GitHub Actions
Cloud: AWS (EC2, S3, Lambda basics), GCP basics
Messaging: Kafka, RabbitMQ
Databases: MySQL, Oracle, Redis
AI/Automation: LLM API Integration, workflow automation
Practices: Agile, CI/CD, Performance tuning, Code review, Leadership & mentoring

EXPERIENCE

Technical Lead – Tech Mahindra | Apr 2023 – Present
Mumbai, India
Designed and delivered microservices■based systems for BFSI clients, improving scalability and reliability. Implemented CI/CD pipelines and automation, reducing release cycle time by ~40%. Led a team of 6–8 developers; established coding standards, architecture governance, and review processes. Optimized backend performance, reducing latency and improving system throughput.

Module Lead – Ferns N Petals (FNP) | Sep 2020 – Apr 2023
New Delhi, India
Owned critical e■commerce modules including orders, payments, checkout, and logistics. Migrated monolithic modules to microservices, increasing system scalability and maintainability. Improved checkout and order processing latency by ~35% and enhanced SLA adherence. Collaborated with product, QA, and operations teams for end■to■end delivery.

Senior Software Engineer – Ferns N Petals | Apr 2018 – Sep 2020
New Delhi, India
Developed backend services powering high■traffic e■commerce workflows. Integrated third■party payment gateways and logistics partners. Provided production support and resolved complex performance issues.

Java Developer – Ferns N Petals | Dec 2014 – Apr 2018
New Delhi / Hyderabad
Built foundational backend modules for e■commerce operations. Contributed to API development, database design, and order workflow improvements.

EDUCATION

MCA – Master of Computer Applications, IGNOU
BCA – Bachelor of Computer Applications, IGNOU