M A DEEPAN

Senior Backend Engineer · Java & Spring Boot

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SUMMARY

Backend engineer with 12+ years in Java and Spring Boot, most of it in banking and wealth management. I've led a team of five, delivered large legacy-to-Java migrations (VB to Java web, EGL to Java), and recently modernised secrets management and security across 50+ services. I mentor engineers, teach Clean Code and Clean Design, sit on technical interview panels, and build reusable AI-agent workflows that let a small team review and fix code at scale.

EXPERIENCE

Meltwater

Nov 2025 – Present

Software Engineer, Level 4 · Coimbatore

Backend engineering for a global media-intelligence platform.

- Led a secrets-management modernisation across 50+ services, moving configuration to environment variables, Consul and the AWS credential chain, with fail-fast startup checks and log redaction. Credentials can now be rotated without code changes.
- Drove dependency and vulnerability remediation across Java, Go and Python services, choosing the smallest safe upgrade for each and documenting the CI impact for build owners.
- Built server-side password policy, bot protection and rate limiting for the platform's sign-in and sign-up flows, with graceful degradation and no impact on page speed.
- Turned the remediation and code-review process into reusable AI-agent skills: wrote and tested prompts and review rules on pilot repositories, packaged them as skills that are refined with every run, and used them to scale AI-assisted reviews to 120+ pull requests across ~100 repositories.

LTIMindtree

Dec 2023 – Nov 2025

Senior Specialist, Software Engineering · Coimbatore

Wealth-management application, banking and financial services.

- Part of a major migration of legacy EGL code to a Java web application for an existing wealth-management platform.
- Built APIs with Java 11, Spring Boot, REST and SQL; drove refactoring and code reviews.
- Mentored team members technically while staying hands-on, coordinating with the delivery manager and onsite counterparts.
- Member of the technical interview panel for both project and organisation-level hiring.

EPAM Systems

Dec 2021 – Nov 2023

Software Engineer (Dec 2021 – Nov 2022) → Senior Software Engineer (Nov 2022 – Nov 2023)

Wealth-management product suite, banking and financial services.

- Built APIs for the client-onboarding experience and enhanced the advisory module's APIs.
- Restructured the existing codebase, wrote unit tests against simulated APIs, and reviewed teammates' code.
- Mentoring Committee member; taught internal courses on Clean Code and Clean Design and mentored new Java developers.
- Technical interviewer and resource manager.

Perficient

Apr 2017 – Dec 2021

Technical Consultant · Chennai

- B2B order-management system (retail, 2021): lead developer for a team of five, building APIs across an order-fulfilment platform that integrated with warehouse and inventory systems (Java 11, Spring Boot, MongoDB, AWS SNS/SQS, Docker, React).
- Workforce-management platform (internal, 2020): REST services for leave, profile and goal-review modules (Spring, Angular).
- Health insurance (leading US insurer, 2017–2019): gathered requirements directly with the client, estimated and designed features, built them across every layer, and owned release status reporting for a sub-project.

CGI

Feb 2014 – Apr 2017

Associate Software Engineer (Feb 2014 – Dec 2016) → Software Engineer (Dec 2016 – Apr 2017) · Chennai

Investment banking, six-member team.

- Built most of a VB-to-Java web application migration, including the UI screens and Jasper reports (Java, JSF, PrimeFaces, MyBatis, Tomcat).
- Analysed Capital Requirements Directive (CRD) requirements and designed solutions for them.
- Owned design, development, testing and debugging, and kept SDLC documentation and quality standards.

SKILLS

Core	Java, Spring, Spring Boot, REST APIs, Microservices
Languages	Python, Go
Data	SQL, Oracle, MongoDB, MyBatis
Cloud & infrastructure	AWS, Docker, Consul, Nomad, Chef, Nginx
CI/CD & security	GitHub Actions, Jenkins, Dependabot, CodeQL
Front end	React, Angular, JSF / PrimeFaces
AI-assisted engineering	AI-agent workflows, Prompt & review-rule design, MCP, Claude Code
Practices	API design, Legacy modernisation, Secrets management, Code review, Clean Code, Unit testing
Leadership	Team lead, Mentoring, Technical interviewing, Client & onshore coordination

RECOGNITION

“Coach” and “Partnership” badges (2024): LTIMindtree, for solutions that kept the team's deliveries on time.

Pat on the Back award (twice) (2022, 2023): EPAM Systems, wealth-management programme.

Client & Onshore Appreciation (2021): Perficient, for leading the team to successful deliveries.

Client Appreciation (2018): Perficient, health-insurance programme, with leadership recognised by the team lead.

Pat on the Back award (2014): CGI, where the client's confidence helped the team win a project renewal.

CERTIFICATIONS

Oracle Certified Professional, Java SE 6 Programmer

MongoDB for Java Developers

Programming in Big Data – Hadoop

CertiProf Scrum Foundation Professional Certificate (SFPC)

EDUCATION

B.E., Electronics & Communication Engineering, Coimbatore Institute of Engineering and Technology (2008–2012)

LANGUAGES

English (professional), Tamil (native), Hindi (elementary)