

Elavarasan Nadarajan

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GitHub

LinkedIn

CORE SKILLS

Languages: Java, SQL

Frameworks: Spring Boot, Spring Data JPA, Spring Security, Hibernate, Spring Batch

Architectures: Microservices, RESTful APIs

Cloud & DevOps: AWS (EC2, EKS, S3, CloudWatch), Kubernetes, Docker, Git, Jenkins, GitHub Actions, SonarQube

Databases & Caching: PostgreSQL, MySQL

Practices: TDD/BDD, Code Reviews, Agile/Scrum, Distributed Tracing (Zipkin)

Observability & Performance: Caching, Metrics/Logging, Profiling, Query Optimization

EXPERIENCE

•AstraZeneca

Sep 2023 – Present

Senior Consultant

Chennai, India

- Engineered secure, high-throughput microservices in Java, Spring Boot, and REST, improving average response times by 35% via Redis caching and query tuning.
- Containerized services with Docker and orchestrated on AWS EKS to sustain 99.99% service availability under peak traffic.
- Automated CI/CD with GitHub Actions, reducing deployment time from 2 hours to 20 minutes and increasing release frequency to multiple times per week.
- Implemented distributed tracing and structured logging to cut MTTR(Mean Time To Respond) by 40% during incidents.
- Championed coding standards, peer reviews, and secure coding to reduce production defects.

•EnKash

May 2022 – Sep 2023

Senior Software Engineer

Remote

- Led the development of Olympus (cashflow management and invoicing platform) and an Expense Management Tool, enabling corporate clients to manage 500+ crore transactions/month.
- Implemented critical features including Tally integration, vendor payments, seamless banking integrations, and batch processing using Spring Batch.
- Designed and delivered a Backoffice Application and spearheaded a full application & website redesign for improved user experience and scalability.
- Built and optimized 4+ Spring Boot microservices with idempotent APIs and robust retry patterns to ensure high reliability.
- Introduced Zipkin tracing and centralized logging, accelerating root-cause analysis by 60% and improving on-call efficiency.
- Tuned PostgreSQL/Redis usage and connection pooling to handle traffic spikes without downtime.
- Contributed to hiring processes and participated in strategic discussions with company founders, influencing technical direction.

•Synechron

Oct 2021 – May 2022

Senior Associate

Chennai, India

- Enhanced trading platform microservices for real-time execution, supporting 100+ concurrent dealers with low-latency operations.
- Built a risk management module in Spring Boot/Spring Data JPA that reduced exposure incidents by 12% through pre-trade checks and limits enforcement.
- Integrated external trading systems and messaging for reliable, near real-time data flows.

•Capgemini

Aug 2018 – Oct 2021

Consultant

Chennai, India

- Re-architected a banking rewards platform using Spring Batch to process 8M+ daily records, cutting DB load by 40% and stabilizing SLAs.
- Migrated monolith components to microservices, reducing planned downtime by 70% and enabling independent deployments.
- Implemented Spring Security + OAuth2 and improved audit readiness.
- Collaborated in Agile sprints with UX/FE teams, delivering API-first features and improving API usability through consistent contracts.

•MRCube Solutions

Oct 2016 – Aug 2018

Senior Technical Consultant

Bengaluru, India

- Built microservices for a mock interview platform (RockInterview) using Spring, Hibernate, and MySQL; optimized SQL to reduce response times and database costs.
- Proactively identified and resolved production bottlenecks; recognized for reliable delivery and clean, maintainable code.

•Infrasoft Technologies

Jun 2015 – Sep 2016

Trainee

- Developed an insurance monolith in Java with MySQL persistence for policyholder and premium data; collaborated across BA/QA/product functions in a Waterfall environment.

EDUCATION

•Bachelor of Engineering in Electronics and Communication

2010-14

Jerusalem College Of Engineering, Chennai

CGPA: 7.5