

Nagarajan Pandiarajan

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Electronics City, Bangalore, India

Open to relocation to Germany | EU Blue Card eligible

Professional Summary

Senior Java Backend Engineer with 15+ years of experience designing, architecting, and delivering enterprise-grade backend systems, **including 3 years of professional experience in Germany**. Proven track record of driving technical excellence, leading end-to-end delivery, improving system performance and reliability, and delivering scalable solutions.

Education

2001 - 2003

Birla Institute of Technology, India

M.S. Computer Science

1994 - 1997

University of Madras – SRM Engineering College

B.E. Electrical & Electronics Engineering

Software Skills

- **Programming:** Java 8–21, Python, Java EE
- **Architecture:** Microservices, Distributed Systems, Event-Driven Architecture
- **Backend Technologies & Frameworks:** Spring, Spring Boot, Spring Cloud, Spring Security, Spring Batch, Hibernate, JPA
- **APIs & Security:** REST APIs, OpenAPI/Swagger, OAuth2, JWT
- **Messaging:** Apache Kafka, RabbitMQ, ActiveMQ
- **Databases:** PostgreSQL, SQL Server, Oracle, MongoDB, DB2
- **Cloud & Containers:** AWS, GCP, Docker, Kubernetes, Helm
- **CI/CD & DevOps:** Jenkins, Git, Maven, GitHub/GitLab CI, CI/CD Pipelines
- **Observability:** Prometheus, Grafana, New Relic, ELK
- **Testing & Quality:** JUnit, Mockito, Integration Testing, Automated Testing, SonarQube

Languages

English – Fluent | German – A2

Experience

01/2023 - Present (3+ years)

Senior Software Developer

Equiniti | Bangalore, India

- Designed and developed scalable Java/Spring Boot microservices supporting investment workflows, cash management, trading, and client operations.
- Owned end-to-end backend delivery, covering technical design, implementation, automated testing, and deployment.
- Improved API response times by approximately 35% through JVM tuning, query optimisation, and caching, and implemented Kafka-based event-driven communication.
- **Tech stack:** Java, Spring Boot, Microservices, SQL Server, Jenkins

01/2019 - 04/2022 (3 years)

Senior Software Developer

BNP Paribas | Munich, Germany

- Designed and developed secure Java/Spring Boot microservices for regulated banking and loan-processing platforms, integrating REST APIs and implementing OAuth2/JWT-based security.
- Improved backend performance and resilience through Hibernate optimisation, database indexing, caching, and Resilience4j circuit breakers.
- Strengthened engineering quality through automated testing (80%+ test coverage), distributed tracing, Docker-based deployments and architectural improvements.
- **Tech stack:** Java, Spring Boot, Microservices, Hibernate, Oracle

10/2016 - 08/2018 (2 years)

Senior Developer

Merck Group | Bangalore, India

- Developed RESTful backend services for the eLab scientific research platform.
- Integrated backend services with enterprise systems and database-driven workflows.
- Improved application performance and stability through profiling, SQL optimisation, automated testing, and production troubleshooting.
- **Tech stack:** Java, Spring Boot, REST APIs, Performance Profiling

12/2014 - 09/2016 (2 years)

Senior Developer

HCL Technologies | Bangalore, India

- Designed and developed enterprise Java applications and backend architectures for banking systems.
- Defined REST API integration patterns and contributed to technical design and architectural decisions.
- Improved application performance and reliability through JVM and database tuning, secure API integrations, and developer mentoring.
- **Tech stack**: Java, REST APIs, OAuth2, Enterprise Architecture

06/2008 - 06/2014 (6 years)

Software Engineer

Manhattan Associates | Bangalore, India

- Developed enterprise backend components for large-scale warehouse management, order management, and supply chain platforms.
- Implemented and optimised performance-critical business logic to support high-volume transaction processing.
- **Tech stack:** Java, REST APIs, Integration Patterns