



# Michele Nuovo

SENIOR SOFTWARE ENGINEER  
JAVA DEVELOPER - CLEAN CODE  
ENTHUSIAST

## Details

Prague  
Czech Republic  
[+420 601 359 665](tel:+420601359665)

NATIONALITY

Italian

## Links

[michelenuovo.com](http://michelenuovo.com)

## Skills

Java

Spring Boot

Amazon Web Services (AWS)

Code Review

Communication

IntelliJ IDEA

Project Implementation

Docker

Kubernetes

## Languages

English

Italian

## Profile

I'm a certified Java Developer and clean code advocate with a passion for building scalable, maintainable software. With 20+ years of experience, I specialise in Java back-end development, cloud solutions (AWS), and scalable distributed systems, applying clean code principles and SOLID design patterns to build reliable and maintainable software.

My approach is rooted in object-oriented design and a relentless focus on code quality. I thrive in environments where clean architecture, testing, and continuous improvement are valued. Whether it's optimising performance by 30%, reducing technical debt, or leading code reviews that uplift the entire team, I aim to leave every codebase better than I found it.

Colleagues know me as a proactive problem-solver who brings critical thinking, collaboration, and energy to projects. I enjoy working in diverse teams and believe that great software is built not just with strong code, but also with strong communication.

## Employment History

### Delivery Lead, MSD Czech Republic, Prague

AUG 2022 – PRESENT

I oversee the end-to-end development of Java-based back-end applications that power innovative products and services helping to save and improve lives worldwide.

My role combines technical leadership and strategic delivery management – shaping application architecture, ensuring alignment with business goals, and guiding teams to deliver high-quality, scalable, and maintainable solutions. I apply modern design patterns, industry best practices, and a strong focus on performance and reliability to ensure our systems can evolve with future needs.

Passionate about building impactful technology, I strive to foster collaboration, technical excellence, and innovation across the delivery lifecycle.

Technologies used: **Java 17, Spring Boot, Docker, Jenkins, GitHub Actions, Git, Maven, AWS, PostgreSQL.**

### Java Software Developer, Deutsche Börse, Prague

FEB 2021 – JUL 2022

I was responsible for the full software development life-cycle of the PRISMA RDS application, from design and implementation to testing and maintenance. I led the migration of all PRISMA-related repositories to JUnit 5, enabling the adoption of modern Java features (Java 8+), such as lambda expressions, and significantly improving test readability and maintainability.

I actively reduced technical debt through clean code refactoring and consistent application of SOLID principles, improving long-term code quality and system stability. I worked closely with team members in a Linux-based development environment, contributing to automated builds and deployments.

Technologies used: **Java 8, Linux, JUnit, Mockito, Maven, Git, ActiveMQ, AMQP, MySQL, Bash, Jenkins.**

### Software Developer, EmbedIT, Prague

JAN 2017 – DEC 2020

I was responsible for the development, testing, maintenance, and continuous improvement of enterprise applications. I worked in an Agile environment, where the team designed solutions based on business scenarios and implemented robust back-end functionality, supported by unit and integration testing to ensure high reliability and quality.

I actively participated in biweekly production deployments as part of a continuous delivery process, contributing to system stability and smooth releases. My responsibilities included bug fixing, performance optimisation, and code refactoring, as well as close collaboration with QA and cross-functional teams.

Technologies used: **Java 11, Spring, Hibernate, RabbitMQ, Git, Maven, Docker, Kubernetes, Oracle 12c, PL/SQL.**

### **Software Developer, Alpiq Energy SE, Prague**

FEB 2015 – JAN 2017

I was responsible for the end-to-end assurance of the One Trading Landscape (OTL) application, covering daily operations, maintenance, and continuous system improvement. My role included gathering and specifying user requirements, system design, development, and coordination of third-party vendors when applicable.

I was involved in the definition and execution of testing strategies, release planning, and user training, as well as the preparation of technical and user documentation. Additionally, I provided 2nd and 3rd level support and participated in data migration from legacy systems to the OTL platform.

Technologies used: **Oracle 12c, PL/SQL, Java 8**

### **Application Manager, Commerzbank AG, Prague**

NOV 2013 – JUL 2014

I was responsible for the support and operational management of a growing portfolio of applications used across multiple locations. My role covered 1st and 2nd line support, including incident and change management, ensuring system stability and timely resolution of issues.

I coordinated testing activities for system changes, monitored service quality through KPI reporting, and worked on automating recurring operational tasks to improve efficiency and reduce manual effort. I collaborated closely with development, infrastructure, and business teams to ensure reliable application performance.

Technologies used: **Java, Oracle, Windows OS.**

## **Education**

### **Master of Science (MS), Teesside University**

SEPT 2014

Graduated with Merit

## **Certification**

**Oracle Certified Associate, Java SE 8 Programmer**

**AWS Certified Cloud Practitioner**

**AWS Certified Solutions Architect – Associate**