Niels Delestinne

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CV updated on 06/11/2022

Profile

A **full-stack software developer** and **tech lead** with active professional knowledge on **Java**, **Angular** and both of their **entire ecosystems**. A true believer of **software craftsmanship** and the **eXtreme Programming practices**. Strives to write **readable**, **flexible** and simple code that is properly **tested**. Aims to create **maintainable** and **flexible** applications in team. Embraces and enjoys **continuous learning**. **Coaches** and tries to inspire. Considers both **operational** as **non-operational** requirements in his designs. **Creative**, **friendly** and - according to his friends only "moderately" - **funny**.

Full-stack Developer & Tech lead

Jan. 2020 - Current · Cegeka · Acerta, Leuven

Creating an entire new and state-of-the-art payment engine for Acerta.

Acerta is one of Belgian's largest social security office and payroll service provider. Correctly and quickly calculating wage calculations, generating payment slips, paying out salaries and sending declarations to the correct legal instances are only a few of the many processes that need to be automated.

Having joined the project from the beginning, I have already worked on many domains in different teams. Currently, I'm the tech lead of a 9-person team, working on both back and front-end.

Technologies used

Some of the technologies and tools I've used so far include: Java 11+, Java modularity, JPA with Hibernate, Spring boot & others (data, web, security,...), MySQL, Cucumber (BDD), JUnit, Microservices, Ports & Adapters (architecture), Jackson, Pulsar, Debezium, Jenkins, OpenShift (OKD), Docker & Docker compose, Kibana, New Relic, PACT (contract testing), RESTfull APIs, SFTP, Maven, Angular (11+), TypeScript, NPM, Nrwl Nx, ESLint, Prettier, JEST, Storybook, Cypress, Git, JProfiler & RabbitMQ.

Achievements & responsibilities

- Taking up the role of tech lead
- Designing and implementing an integrated setup for contract testing - all microservice REST(ful) APIs - with PACT, used by all service and all 8 teams.
- Taking up the role of (shadow) front-end architect
- Designing the architecture and performing the setup of the front-end applications
- Deciding on & implementing the Authorization code flow with PKCE for OAuth 2.0 for the front-end applications.

Co-founder & Technical Trainer Switchfully

Sep. 2017 - Jan. 2020 · Switchfully (Cegeka) · LCM, FBS Finance, EGOV Select, Colruyt Group, ACV,...

Founding & growing an internal venture called Switchfully.

After having attended an entrepreneurial bootcamp in which I - together with some likeminded colleagues - worked out the idea of Switchfully and successfully pitched it, we received the support of Cegeka to found Switchfully as an internal venture.

The value proposition of Switchfully goes as follows: "At Switchfully, we set out to explore and discover motivated individuals who have a great mindset and are ready for a career switch. We then retrain these individuals in one of our officially recognized and battle-proven training tracks to become junior software developers. Your junior software developers to be precise."

A truly amazing experience all-around.

Technologies used

Some of the technologies and tools I've used: Java 8+, JDBC, JPA with Hibernate, Spring boot & other (data, web, security,...), MySQL, Oracle SQL, JUnit, Mockito, Layered architecture, Jenkins, AWS, Azure, Azure DevOps, Heroku, Docker & Docker compose, Jackson, SOAP, REST(ful), Maven, MongoDB, Express.js, Vaadin, Angular, TypeScript, NPM, Jasmine, C# (7), .NET Core, ASP.NET Core, Entity Framework & LINQ.

Achievements & responsibilities

- Outline, create and maintain a custom, 4-month full-stack training track
- Teach, coach and train
- Breath and live 'Continuous learning and improvement'
- Branding (Creation of logo, website, visuals,...)
- Perform online marketing
- Recruitment of candidates
- Support my colleague and co-founder in sales, organization & finance
- Sign our first customer
- Move to our own office & classroom at BeCentral Brussels
- Work with extremely motivated individuals

Full-stack Developer

Aug. 2015 - Sep. 2017 · Cegeka · VDAB, Brussels

Founding & growing an internal venture called Switchfully.

In 2015 I started my professional career as a full-stack developer at Cegeka. For several years, I have worked for client VDAB on different - mainly greenfield - projects. The VDAB, being the public employment service of Flanders, has a lot of needs and ideas to transform their business processes into digital applications and flows. More information on some of these applications can be found in the Projects section of my LinkedIn profile.

Thanks to a great set of colleagues, I was able to learn a lot on working according to the Agile methodology by applying Scrum, on eXtreme Programming principles and practices, on software design and on software development in general.

Technologies used

Technologies I've used throughout these years include, but are not limited to: Java 8, Spring Framework, Spring Boot, JPA specification, Hibernate, Jackson, JAX-RS, JAXB, HornetQ, JUnit, Selenium / Selenide, Mockito, Oracle SQL, MySQL, Flyway, Jenkins, SonarQube, Maven, Gradle, AngularJS, Angular (2+), NPM, Grunt, Gulp, Webpack, Jasmine (with Karma), Protractor and many more.

An exhaustive list of my employment history can be found on my LinkedIn.

Hard skills

A non-exhaustive list of hard skills recently & actively applied.

- Java — Core · Rest
- Spring — Core · Composable · Rest · Rest · Security
- JDB / JPA — Advanced
- TypeScript
- JavaScript — Core
- HTML5 / CSS3 — Core
- Angular — 11 · 12 · 14
- Build tools — Maven · Nx/Nrwl · Gradle
- CI/CD & Cloud — Jenkins · Composable · OpenShift
- DB & Migration — SQL · MySQL/MS · Composable · Flyway
- TDD — Mockito · JUnit · Selenium
- BDD — Cucumber · Gherkin
- Code quality — Clean Code · Refactoring · Design · Architecture
- Messaging — Kafka · Composable
- Observability — Grafana · New Relic
- Methodologies — Agile · Scrum
- PM Tooling — Jira · Confluence

Soft skills

A non-exhaustive list of the most outspoken soft skills.

- Collaboration
- Dedication
- Communication
- Creativity
- Ownership
- Technical Coaching
- Organized & Structured

Higher education

Master of Science (M.S.), MSc. Applied Informatics

2012 - 2015 · KULL, Leuven, BE · Magna Cum Laude

With an emphasis on software engineering, machine learning, AI & user interaction.

Professional Bachelor in Applied Informatics

2009 - 2012 · PXL, Hasselt, BE · Cum Laude

With software development as specialization and with a four-month internship at Prague, Czechia.

Continuous learning

Online courses

A selection of followed courses & tutorials.

- Azure fundamentals (AZ-900)
- Docker and Kubernetes: The big picture
- Docker For Web Developers
- Handling Data And Stateful Applications in Docker
- Angular Path (PluralSight; Deborah K.)
- Swifta, official tutorial
- Artificial Intelligence Foundation: Neural Networks (LinkedIn Learn)
- Java modularity & what's new in Java
- C# Programming (Microsoft)
- .NET Core (Microsoft)

Classroom Trainings & Events

A selection of followed trainings & attended events.

- Core Spring
- JavaScript: Basics
- JavaScript: Advanced
- Insights discovery workshop
- The 7 habits of highly effective people Training
- Angular Master Class
- Agile Introduction
- Agile Software Engineering
- Devoxx
- Exploration Days (Hackathon)

Books

A selection of read IT related books.

- Soft Skills: The software developer's life manual
- Effective Java: Third edition
- Designing Data-Intensive Applications
- Clean Code
- Clean Architecture
- Refactoring: Improving the Design of Existing Code
- Building Microservices: Designing Fine-Grained Systems
- Implementing Domain-Driven Design
- Patterns, Principles, and Practices of Domain-Driven Design
- Your Code as a Crime Scene
- Enterprise Angular Monorepo Patterns
- Java 9 Modularity: Patterns and Practices
- Understanding ECMAScript 6
- Practices of an Agile Developer: Working in the Real World
- Software Architecture: The Hard Parts
- Head First Design Patterns
- Head First Java

Staying informed

A selection of subscribed online news sources to stay informed.

- Hacker News
- InfoQ
- Ars Technica
- InfoWorld
- DZone
- Reddit

Want to get in touch?

Feel free to contact me through cv@niedel.be or linkedin.com/in/niedel.