Dominique Dierickx

Facts

Gender	Male
E-mail address	d.dierickx@gmail.com
Nationality	Belgian
Mother tongue	Dutch

Work Experience

- **Showpad** — Ghent
  Principal Software Engineer — *November 2019 - now()*

  I have been part of several teams, working on the core CMS capabilities of the Showpad SaaS platform. As a principal engineer, I am involved in designing and implementing new product features for our customers together with the teams and other stakeholders. We leverage AWS where appropriate to offer a scalable, cost-efficient and secure solution globally.

  Key skills: AWS, SaaS, Kotlin, TypeScript, ElasticSearch, ANTLR (ShowQL), Security, Monitoring

- **Cegeka NV** — Ghent
  Application Architect — *January 2019 - November 2019*

  As an Application Architect I was involved in the inception and development of a new platform for job candidate matching. Next to this, I also worked on requirement study, cost calculation and project presentations for prospects.

  Key skills: Java, Spring Boot, Kubernetes, OpenAPI, ElasticSearch

- **TomTom NV** — Ghent
  Senior Software Architect in the Maps Unit — *January 2017 - January 2019*

  As a software architect, I took the lead of the team designing and developing a new map delivery platform to replace a legacy (DVD-based) platform. This was developed in an API-first approach and is the main entrypoint for map customers. Next to this I was also involved in architectural decisions and guidelines within the unit.
  Key skills: Java, Spring Boot, OpenAPI, AWS, Redis, Kubernetes, Security

- **TomTom NV** — Ghent
  Expert Software Engineer in the Maps Unit — *January 2012 - January 2017*

  As a software engineer, I worked in different teams responsible for transforming map data from one format and model to another. We leveraged Apache Hadoop and HBase in novel ways to allow faster and higher-quality map delivery to customers.
  Key skills: Java, Hadoop, HBase, Avro, Python, GIS, PostGIS, Data modeling

- **TomTom NV** — Ghent
  Software Engineer in the Research & Development Unit — *February 2011 - December 2011*

  Within the R&D unit, I worked on internal and external research projects. This included working on different visualizations for dynamic map data (driving speeds, parking data, ...) and working together with partners within EU-funded projects to consume governmental or municipal API's to optimize routing and navigation experience.
  Key skills: Java, Spring Boot, Python, Kubernetes, OpenAPI, GIS, PostGIS

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- **Adenti NV**   Zottegem
  Software developer   *September 2009 - January 2011*

  I worked on developing a web-based (AJAX) front-end as well as backend solution for fleet tracking and insurance.
  Key skills: .NET, Silverlight, WCF, SQL Server, T-SQL

Education

- **Vrije Universiteit Brussel**   Brussels
  Master in Applied Computer Science   *2007-2009*
  - Graduated with great honor
  - Master's thesis: "Supporting smart entity behavior across virtual environment platforms"
- **Koninklijk Technisch Atheneum Geraardsbergen**   Geraardsbergen
  Latin - Mathematics   *1998 - 2004*
- **Hogeschool Gent**   Ghent
  Bachelor in Applied Computer Science   *2004-2007*
  - Graduated with honor
  - Internship at Ordina Belgium

Skills Summary

Languages: Java, Kotlin, Python, Javascript, Typescript, (Unix) shell

Frameworks & tools: Spring (Boot), Micronaut, IntelliJ, VSCode, JUnit, Testcontainers, Docker, Amazon Web Services, Kubernetes, Datadog, Sentry

Databases: PostgreSQL/PostGIS, MySQL, SQLite, ElasticSearch, OpenSearch

Principles: API design & documentation, event-driven, software architecture, DDD, CI/CD, testing, devops.

Interests: Artificial intelligence, SaaS/API's, cybersecurity, Geospatial Information Systems (GIS), large-scale data solutions, algorithms

In a nutshell

I am a driven, social person, interested in various fields and developments in computer science. My strongest points are my technical expertise, my eagerness to learn new things and my social skills. I have gained relevant experience through personal as well as professional projects and it is fair to say that software development is more of a passion than a profession in my life. In my spare time, I enjoy running, reading, experimenting with new technology and spending time with my wife and our two boys.

I am looking for

A position where I can make a difference and get things done. Working closely together with all stakeholders for the best possible outcome. In an environment that nurtures engineering culture, learning and knowledge sharing.