



VLAD-EMIL FLORE

Software Engineer

DETAILS

Contact

Barcelona, 08034, Spain
flore.vlad@gmail.com

Nationality

Romanian

Date / Place of birth

15.11.1985
Romania

PROFILE

I am an experienced Software Engineer with over 10 years of expertise in designing, implementing, and optimizing software systems across various industries.

I am skilled in backend development and microservices architecture, with experience working in cloud environments.

Likewise, I enjoy creating educational content, sharing my passion for writing software, and learning new things.

EMPLOYMENT HISTORY

Python Software Engineer, ExB Group, Remote

FEBRUARY 2023 – NOVEMBER 2024

- implemented features for a web-based Intelligent Document Processing (IDP) solution
- designed and developed highly scalable, decoupled microservices using Python, enabling robust and efficient systems capable of handling significant workloads
- worked within a Kubernetes environment, ensuring seamless deployment, scaling, and management of services

Tech stack: Python, GraphQL, Kubernetes, RabbitMQ, EventStoreDB, PostgreSQL, AWS S3, MinIO, Keda, Linux, GitLab, Postgraphile

Content Creator, Hyperskill, Remote

OCTOBER 2023 – MARCH 2024

- created and improved content for the Spring Boot track offered by JetBrains Academy via the Hyperskill platform.

Java Software Engineer, ExB Group, Remote

MARCH 2021 – FEBRUARY 2023

- implemented new features in Java and Kotlin, as well as deployed and tested them for the document processing and text/information extraction pipeline written in Java, Kotlin and Python backed up by Natural Language Processing
- implemented a microservice to dynamically deploy and manage in a cost-effective way NLP models on AWS EKS
- helped define and improve the architecture of specific parts of the pipeline

- held technical workshops on improving code quality and applying clean coding practices
- did code reviews and pair-programming sessions
- improved software development experience by advocating for the usage of tools and processes to unburden the developer
- developed a process for building technical documentation automatically using AsciiDoc and Antora
- took part in cultural fit interviews

Tech stack: Java 11/17, JUnit, Spring Framework, Spring Boot, Kotlin, Docker, Akka, Python, Kubernetes, Helm, AWS, TeamCity, Linux, AsciiDoc, Antora, Argo CD

Lead Software Developer, IT-Systemhaus der Bundesagentur für Arbeit, Nürnberg

SEPTEMBER 2019 – APRIL 2020

- lead developer of one of the two agile development teams
- defined and expanded the application's architecture
- ensured code quality by advocating for good development practices
- broke down features into manageable implementation tasks together with the team
- implemented and tested features

Tech stack: Java SE 8, Java EE 7, Angular, Angular Material, TypeScript, JavaScript, JUnit, Cucumber, Jenkins, Docker, Linux, Oracle Database

Senior Technical Consultant, virtual7 GmbH, Nürnberg

FEBRUARY 2019 – MAY 2020

Full Stack Developer, Bundesamt für Migration und Flüchtlinge (BAMF), Nürnberg

MAY 2018 – SEPTEMBER 2019

- implemented and tested features concerning the front-end as well as the back-end part of a web application
- improved documentation
- handled DevOps tasks and assisted with deployment activities

Tech stack: Java SE 8, JUnit, Spring Framework, Spring Boot, Angular, TypeScript, JavaScript, Ansible, Jenkins, Docker, Oracle Database, Linux

Software Developer, IT-Systemhaus der Bundesagentur für Arbeit, Nürnberg

MAY 2014 – FEBRUARY 2018

Senior Technical Consultant, virtual7 Romania, Nürnberg

MAY 2014 – JANUARY 2019

Software Developer, virtual7 Romania, Timisoara

FEBRUARY 2008 – APRIL 2014

EDUCATION

Master of Science in Informatics, West University of Timisoara, Timisoara, Romania

2008 – 2010

Master of Science in Informatics with a focus on Artificial Intelligence and Distributed Computing. Grade: 9 of 10

Bachelor of Science in Informatics, West University of Timisoara, Timisoara, Romania

2004 – 2008

Bachelor of Science in Informatics / Computer Science. Grade: 9.67 of 10 (ranked 7 of 95 graduates)

LINKS

[LinkedIn](#) [Blog](#) [GitHub](#)

LANGUAGES

Romanian

English

German

CERTIFICATIONS

Machine Learning Zoomcamp - Statement of Accomplishment, online

FEBRUARY 2025

[PCEP-30-02] PCEP – Certified Entry-Level Python Programmer, online

MARCH 2023

telc Deutsch B1, Nürnberg

DECEMBER 2022

Intermediate Python Nanodegree, online

AUGUST 2022

Cloud Developer Nanodegree Program - Certificate of Completion, online

NOVEMBER 2021

Oracle Certified Professional, Java SE 8 Programmer, online

JUNE 2020

Software Design and Architecture, online

JUNE 2020

Oracle Certified Associate, Java SE 8 Programmer, online

MAY 2019

HOBBIES

Fitness, Travelling, Reading, Languages