VLAD-EMIL FLORE

Software Engineer

PROFILE

Experienced Software Engineer with over 15 years of expertise in designing, implementing, and optimizing software systems across various industries.

Skilled in backend development and microservices architecture, with experience working in cloud environments.

Proven ability to lead teams, promote best practices, and improve code quality through mentoring and technical workshops.

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

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

[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