

# VLAD-EMIL FLORE

Java Software Engineer

Nuremberg, 90419, Germany

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Date of birth ..... *15.11.1985*      Nationality ..... *Romanian*  
Place of birth ..... *Romania*

## LINKS

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

## PROFILE

I'm an experienced Software Engineer, adept in bringing forth expertise in design, implementation, testing, installation, and maintenance of software systems. I am able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

I'm an avid learner with a curious mind, continually improving as a professional and human being, willing to go the extra mile and to help others do the same.

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## EMPLOYMENT HISTORY

❖ **Java Software Engineer, ExB Group** ..... Mar 2021 — Present  
Remote

Working on the document processing and text/information extraction pipeline written in Java, Kotlin and Python backed up by Machine Learning (Natural Language Processing).

- implemented new features in Java and Kotlin, as well as deployed and tested them
- 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

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

❖ **Lead Software Developer, IT-Systemhaus der Bundesagentur für Arbeit** ..... Sep 2019 — Apr 2020  
Nürnberg

- 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** ..... Feb 2019 — May 2020  
Nürnberg

- switched over to the German company, coming from the Romanian branch, I continued working mostly for German clients, on-site
- held a couple of technical presentations (see Conferences section)

❖ **Full Stack Developer, Bundesamt für Migration und Flüchtlinge (BAMF)** ..... May 2018 — Sep 2019  
Nürnberg

- 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** ..... May 2014 — Feb 2018  
Nürnberg

- implemented and integrated new features into the content management system(CMS) which powered the client's website
- expanded existing CMS functionalities
- assisted during deployment and releases
- provided technical support as needed
- implemented a migration tool to move the CMS's content to a new platform

**Tech stack:** Oracle WebCenter Content, Java, HTML, CSS, JavaScript, Oracle Database, Linux

❖ **Senior Technical Consultant, virtual7 Romania** ..... May 2014 — Jan 2019  
Nürnberg

- worked mostly with and for German clients, either in their offices or remote, providing implementation and consultancy services as needed
- held a couple of presentations (see Conferences section) and worked on some company's internal projects

❖ **Software Developer, virtual7 Romania** ..... Feb 2008 — Apr 2014  
Timișoara

- worked as a developer, for different projects, internal and external, in collaboration with other developers, either from the Romanian office or from the German one

## EDUCATION

❖ **West University of Timișoara** ..... 2008 — 2010  
*Master of Science in Informatics* ..... Timișoara, Romania

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

❖ **West University of Timișoara** ..... 2004 — 2008  
*Bachelor of Science in Informatics* ..... Timișoara, Romania

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

## SKILLS

|                               |                       |
|-------------------------------|-----------------------|
| Java .....                    | Microservices .....   |
| RESTful WebServices .....     | Docker .....          |
| Spring Boot .....             | Kubernetes .....      |
| Backend Development .....     | Web Development ..... |
| Kotlin .....                  | Python .....          |
| Cloud Development (AWS) ..... |                       |

## LANGUAGES

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| English ..... <i>C1</i>               | Romanian ..... <i>Native speaker</i> |
| German ..... <i>Very good command</i> |                                      |

## COURSES

- ❖ **Cloud Developer Nanodegree Program** ..... Nov 2020 — Nov 2021  
*Udacity*
- ❖ **Core Spring Training** ..... Mar 2020 — Mar 2020  
*VMware (Pivotal)*
- ❖ **Software Design and Architecture Specialization** ..... Nov 2019 — Jun 2020  
*Coursera (University of Alberta)*

## CERTIFICATIONS

- ❖ **Cloud Developer Nanodegree Program - Certificate of Completion** ..... Nov 2020 — Nov 2021  
*Certificate* online
- ❖ **Oracle Certified Professional, Java SE 8 Programmer** ..... Jun 2020 — Jun 2020  
*Certificate* online
- ❖ **Software Design and Architecture** ..... Jun 2020 — Jun 2020  
*Certificate* online
- ❖ **Oracle Certified Associate, Java SE 8 Programmer** ..... May 2019 — May 2019  
*Certificate* online

## HOBBIES

*I love traveling, I enjoy reading both technical and non-technical books and I like learning new things.*

## CONFERENCES

- ❖ **virtual7 GmbH** ..... 2019 — 2019  
*Online Presentation* Freiburg
- ❖ **virtual7 GmbH** ..... 2018 — 2018  
*PDF Presentation* Heidelberg
- ❖ **DOAG** ..... 2017 — 2017  
*PDF Manuscript* Nürnberg  
*PDF Presentation*
- ❖ **DOAG** ..... 2015 — 2015  
*PDF Manuscript* Nürnberg  
*PDF Presentation*