VLĂDUȚ MĂRGINEANU

Computer Science Engineer

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EDUCATION

M.Sc. in Management of Information Technology

Faculty of Automatic Control and Computer Science, University POLITEHNICA of Bucharest

📅 09/2021 – 07/2023 📍 Bucharest, Romania

- Graduation Thesis Grade: 10 out of 10.
- Undergraduate Coursework: Advanced Programming in Java, Software Development in Startups, Advanced Elements of Software Engineering, Information Security Management.

B.Sc. in Computer Science and IT

Faculty of Automatic Control and Computer Science, University POLITEHNICA of Bucharest

📅 09/2017 – 07/2021 📍 Bucharest, Romania

- Graduation Thesis Grade: 9.62 out of 10.
- Undergraduate Coursework: OOP, Parallel and Distributed Programming, Data Structures and Algorithms, Operating Systems, Database Management, Web Programming, Computer Security.

Mathematics and Intensive Computer Science

"Ecaterina Teodoroiu" National College

📅 09/2013 – 06/2017 📍 Targu-Jiu, Romania

- Baccalaureate Grade: 9.88 out of 10.

WORK EXPERIENCE

Full-Stack Software Developer at Accenture

📅 09/2021 – Present 📍 Bucharest, Romania

- Involved in development cycles related to the release of new features, from proper **analysis, planning, development, testing and code improvement on both Back-end and Front-end sides**.
- **Stack used:** Java, Spring Framework, Spring Boot, Spring Data JPA, Spring MVC, Spring REST, Spring AOP, Hibernate CRUD, JUnit Tests, Mockito, Apache Kafka, Web Services, Angular, TypeScript.
- **Well-acquainted with tools as:** Apache Maven, Bitbucket, Jenkins, Oracle SQL Developer, npm, GIT, Microsoft Azure, Kibana, Splunk, OpenShift, IntelliJ IDEA, Visual Studio Code.

QA Automation Engineer at Aurachain

📅 01/2021 – 08/2021 📍 Bucharest, Romania

- Implemented **automated tests** and analyzed the results reported by the automated tests. Maintained the **Continuous Integration/Continuous Development** pipelines.
- **Stack used:** Java, Python, JUnit, TestNG, Docker, Kubernetes.
- **Well-acquainted with tools as:** Selenium WebDriver, Apache Maven, Postman, Jira, Bitbucket, CircleCi, IntelliJ IDEA, PyCharm.

Software Developer Intern at IT Smart Systems

📅 07/2020 – 09/2020 📍 Bucharest, Romania

- Developed skills in designing, configuring and administering **ForgeRock Access and Identity Management** - Digital Identity solutions using **Oauth2** and **OIDC**.
- Implemented, customized and deployed features in a **ForgeRock Identity Platform containerized environment**.
- **Stack used:** Java, Apache Maven, Docker, Kubernetes, Minikube, GIT, Jenkins, Jira, Postman, IntelliJ IDEA.

SOFTWARE PROJECTS

UPB Sign - Management of Electronic Signatures

The Faculty of Automatic Control and Computer Science

- Developed an **end-to-end application for signing documents with a legally valid electronic signature in PAdES format** used in an automated flow program generated with Power Automate.
- Analyzed the open-source software library **DSS (Digital Signature Services)** for electronic signature creation and validation in line with European legislation.
- **Stack used:** Java, Apache Maven, Spring Framework, Spring Security, Spring Data JPA, Spring MVC, Spring REST, Hibernate CRUD, JUnit Tests, JaCoCo, Thymeleaf, HTML 5, Tomcat Server, MySQL Workbench, GitHub Actions CI/CD.

VCS (Version Control System)

The Faculty of Automatic Control and Computer Science

- Developed a versioning system **in Java** that supports **UNIX commands:** create, modify, erase files.
- Applied the OOP concepts to write high-performance Java code: **Encapsulation, Abstraction, Polymorphism and Inheritance**.
- Implemented with respect to the design patterns: **Singleton, Command, Visitor and Factory Pattern**.

CERTIFICATIONS

Oracle Certified Professional: Java SE 17 Developer
10/2023 Oracle University

Aptis General - B2 Overall CEFR Grade
06/2023 British Council Bucharest

Pedagogical Module - First Level
07/2021 University POLITEHNICA of Bucharest

SKILLS

Java, Spring Framework, Spring Boot
Angular, TypeScript, SQL
JavaScript, GIT, Linux
C, C++, Python

LANGUAGES

- Romanian Native
- English - proficient speaking/writing
- French - intermediate speaking/writing