

# VLADUȚ MĂRGINEANU

## Computer Science Engineer

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📍 Bucharest, ROMANIA

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## EDUCATION

### M.Sc. in Management of Information Technology

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

📅 September 2021 – Ongoing

### B.Sc. in Computer Science and Information Technology

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

📅 September 2017 – July 2021

- Graduation Thesis grade 9.62 out of 10.
- Undergraduate Coursework: Object Oriented Programming, Parallel and Distributed Algorithms, Analysis and Design of Algorithms, Data Structures, Computer Graphics, Programming Paradigms, Communication Protocols, Operating Systems, Database Management, Web Programming, Computer Security.

### Mathematics and Intensive Computer Science

“Ecaterina Teodoroiu” National College, Târgu-Jiu (Romania)

📅 September 2013 – June 2017

- Baccalaureate Degree - Final grade 9.88 out of 10.

## WORK EXPERIENCE

### Software Developer

Accenture

📅 September 2021 – Ongoing 📍 Bucharest, Romania

- Participated in complete development cycles related to the launch of new features, from proper **analysis, planning, development, testing and enhancement of the code**.
- Implemented new features using **Spring Framework, Spring Boot, Spring Data JPA, Spring MVC, Spring REST, Spring AOP, Hibernate CRUD, Web Services, Angular**.
- Programming languages used: **Java and TypeScript**. IDEs: **IntelliJ Idea and Visual Studio Code**.
- Well-acquainted with tools as: **Postman, Maven, Bitbucket, Jenkins, Oracle SQL Developer, npm, Git Code Management**.

### Quality Assurance Automation Engineer

Aurachain

📅 January – August 2021

📍 Bucharest, Romania

- Automate test cases, maintain them and report results. Analyze **Continuous integration/Continuous development** pipelines.
- Programming languages **Java and Python**. IDEs: **IntelliJ Idea and PyCharm**. Unit testing frameworks and tools: **JUnit, TestNG, SeleniumWebDriver**.
- Well-acquainted with tools as: **Postman, Maven, Bitbucket, CircleCi, Jira, Docker, Kubernetes**.

### Digital Identity Apprentice

IT Smart Systems

📅 July – September 2020

📍 Bucharest, Romania

- Foundation for the design, configuration and administration of **ForgeRock Access and Identity Management** - solutions on Digital Identity using **Oauth2 and OIDC**.
- **Implemented, customized and deployed** in a **containerized environment** the **ForgeRock Identity Platform**.
- Well-acquainted with tools as: **Postman, Maven, Jenkins, Jira, Docker, Kubernetes, Minikube**. IDEs: **IntelliJ Idea - Java JDK**.

## SOFTWARE PROJECTS

### VCS (Version Control System)

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- Implement a versioning system in **Java programming language** that supports **UNIX commands** (create, modify, erase files). Also, the VCS designs a set of **VCS commands** (access, save the current state of the file system, go back to previous versions).
- Deepening the 4 Principles Of Object-Oriented: **encapsulation, abstraction, polymorphism and inheritance**.
- Using design patterns in the context of implementing a real application: **Singleton, Visitor and Factory Pattern**.

### Marketplace

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- Implement a marketplace in **Python programming language** - more producers offer their products for sale and more consumers purchase the available products.
- Efficient use of synchronization elements in a classic problem - **Multi Producer, Multi Consumer**.
- Deepening Python elements - **classes, inheritance, multi-threading, conditions, events, ThreadPoolExecutor**.

## Stdio-Library

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University POLITEHNICA of Bucharest

- Implement a stdio library in **C programming language** which allows working with files.
- The library implements the **SO FILE structure** (similar to FILE in the standard C library).
- Deepening the concepts of **I/O buffering**. Creating processes and running executable files. Generation of a **dynamic library**.

## SKILLS

Java, C  
C++, Python  
C#, Bash, JavaScript  
Angular, TypeScript, ReactJS



## LANGUAGES

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

## CERTIFICATIONS

University POLITEHNICA of Bucharest

[Pedagogical Module - First Level](#)

Udemy

[Full Stack: Angular and Java Spring Boot E-Commerce Website](#)

Udemy

[Spring Hibernate for Beginners \(includes Spring Boot\)](#)

Udemy

[Java Programming Masterclass for Software Developers](#)

Udemy

[RPG Core Combat Creator: Learn Intermediate Unity C# Coding](#)

ForgeRock

[ForgeRock Access Management Core Skills](#)

Google Digital Garage

[Digital Marketing Online training](#)

Oracle Academy

[Database Design and Programming- SQL](#)