

Vlad-Constantin Comârlău

Software Developer | Assistant at Institute of Cellular Biology and Pathology "Nicolae Simionescu"

Contact

+40 752 230 503

Bucharest, Romania

vladcom95@gmail.com

github.com/vladcomarlau

linkedin.com/in/comarlauvlad

Education

Faculty of Cybernetics, Statistics and Economic Informatics

- Bachelor's - Computer Science
- Grade 9,66
- 2021 - 2024

Faculty of Management

- Bachelor's - Management
- 2015 - 2018

Technical skills

Java	REST
Spring	React
Spring Boot	JavaScript
Relational databases	TypeScript
SQL and PL/SQL	GIT
JUnit testing	AWS
Maven	Linux
Postman	Eager learner
Kubernetes	Team player
Docker	Communicative
Jenkins	

Profile

Focused on full-stack web development using Java, Spring Boot, React, REST APIs and relational databases. Recently graduated with a bachelor's degree in computer science from the Faculty of Cybernetics, Statistics and Economic Informatics and holding a Management Bachelor's degree. Enthusiastic about problem-solving and continuous learning.

Experience

Software Developer

Personal projects

- Business Operations & Finance **full-stack web application** [Feb/2025 - *Currently working on*]
Company financial and performance analysis and reports with OpenAI API powered features like recommendations and auto-complete. Secure backend **REST API** with **Java**, **Spring Boot**, **Spring Security**. Deployed on **AWS EC2** using **Kubernetes K3S**, **Docker** and **private Docker registry**. **React** frontend using **TypeScript**. Automated **CI/CD** pipeline using **Jenkins** with automated **JUnit** tests. Studying **Kafka**, **OpenSearch / Elasticsearch (Kibana)**, **Log4j**.
- HR management **full-stack web application** [May/2024 - Oct/2024]
Teams management, payroll, leave, and performance evaluation. Secure backend **REST API** with **Java**, **Spring Boot**, **Spring Security (JWT, Authentication)**, **H2 relational database**, **Maven** and interactive frontend using **React**, **PrimeReact** and **Axios**. **OpenAI API** for automated feedback. Developed using **IntelliJ IDEA IDE**.
- Ride Sharing **Android frontend** [Nov/2023 - Dec/2023]
Android application used for scheduling ride sharing trips. University project for the "Mobile devices and applications" course. Developed using Java in **Android Studio IDE**.
- Live TV Java full **web application** [Jul/2023 - Aug/2023]
Streams and controls TV box over the internet. Manipulates TV box using infrared through Arduino serial communication with automatic channel list updates.
- Video Games [2020 - 2023]
Development a 3D fighting game (Hit8ox) and a 2D racing game (Night Ride) using Lua and Pico8 virtual console. 3D rendering engine built from the ground up with animation system, particles, sprite rotation, reflections. Games fit in under 42K of memory.

Research Assistant

*Institute of Cellular Biology and Pathology "Nicolae Simionescu",
Mar/2023-Present (2 yrs)*

- Supporting the research efforts of the esteemed team of scientists by monitoring experiments, preparing materials and/or samples and maintaining equipment and supplies.

Senior QA Tester

*Ubisoft,
Feb/2017-Jan/2023 (6 yrs)*

- Created and executed test cases required by the project coordinators
- Coordinated a team of 15 people by allocating tasks, monitoring progress and providing guidance and support to team members
- Performed manual tests on all major gaming platforms and mobile (iOS and Android)