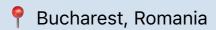
Vlad-Constantin Comârlău

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

Contact





vladcom95@gmail.com

github.com/vladcomarlau

in 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

Docker

Jenkins

Technical skills

Java **REST** Spring React **Spring Boot** JavaScript Relational **TypeScript** databases **GIT** SQL and PL/SQL AWS JUnit testing Linux Maven Eager learner Postman Team player Kubernetes Communicative 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 <u>Currently working on</u>] Company financial and performance analysis and reports with OpenAl 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. OpenAl 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)