RAZVAN-ANDREI BORCA

Junior IT Engineer | Computer Science Student

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PROFESSIONAL EXPERIENCE

Backend Developer (Bootcamp Trainee) **May 2025**

CodersLab & TrendyolTech | Remote

- Completed an intensive backend development bootcamp focused on building RESTful APIs and microservices using Java, Spring Boot, SQL, and MongoDB.

Freelance Video Editor **July 2024 – Present**

Remote

- Produced engaging video content independently, meeting tight deadlines and client goals.

Customer Service **June 2023 – August 2023**

Taho Petrosani

- Delivered exceptional quality service in a fast-paced hospitality environment.

EDUCATION

Bachelor's in Computer Engineering **2024 – Present**

University Politehnica of Bucharest

High School Diploma in Mathematics & Informatics **2020 – 2024**

Carmen Sylva High School

PERSONAL PROJECTS

- **Smart-Pet Feeder** (GitHub): Engineered a WiFi-enabled automated pet feeder utilizing a Raspberry Pi Pico 2 W and embedded Rust, featuring remote web control alongside integrated load cells, servomotors, an RTC module, and an LCD interface for reliable scheduling and portion control.
- **Event Discovery Platform**: Developing a full-stack, cross-platform application that delivers real-time event alerts and a seamless, synchronized user experience across web and mobile devices.
- **Veterinary Clinic Database**: Designed and implemented a comprehensive relational database system optimized for managing clinic operations, streamlining patient records, and scheduling appointments.
- **2D Java Platformer Game**: Programmed an interactive Java-based 2D platformer featuring custom physics, precise collision detection, and progressively scaling difficulty levels.
- **Bash-Based Authentication System**: Built a secure Linux login infrastructure by bridging Bash scripting with a MySQL database, implementing modern credential encryption to ensure robust system security.

VOLUNTEERING

- **Active Member**, Google Developer Group (GDG Europe): Participated in workshops and hackathons.
- **Trainee**, Robotics Club 'Roboforges'.
- **Member**, Faculty of Engineering Students Association.

CERTIFICATIONS

- Microsoft Azure Fundamentals
- IC3 Global Standard 5
- Certificate of Volunteering, Google Developer Group
- Backend Developer Bootcamp, Coders Lab & Trendyol Tech
- Cambridge English Certificate (C1)
- Nvidia Certificates: RAG Agents, Industrial Inspection

SKILLS

Programming & Scripting: Java, C++, Rust, Bash, JavaScript, HTML, CSS

Frameworks & Architecture: Spring Boot, RESTful APIs, OOP, Embassy (Rust), Cortex-M

Databases & Tools: MySQL, MongoDB, Git, GitHub, VS Code, KiCAD, MATLAB, Linux, Windows

Soft Skills: Communication, Teamwork, Adaptability, Problem Solving, Time Management, Critical Thinking