

Viorel Gurdis

Cluj-Napoca, Cluj, Romania

viorelgurdis@gmail.com

0770647613

Summary

Software Developer and Tech Enthusiast always looking to acquire new knowledge and skills. Focused on following the latest architectural guidelines, improving the scalability and optimizing the performance of the developed systems.

I enjoy collaborating with people and share the technical knowledge with them. I consider that continuous personal development allows me to become a flexible software engineer.

Some of main interests:

- System Design
- Concurrent and Distributed Systems
- Operating Systems and Computer Networking
- Experimenting with new technologies and programming languages (e.g. Go, Rust)
- Penetration testing and Capture the flag challenges

Work experience with:

- Modern C++
- Windows Internals
- C#, .NET
- Java, Spring
- Databases & SQL
- ReactJS
- Scripting: Python, Powershell, Shell

Soft Skills:

- Motivation and Enthusiasm
- Communication
- Attention to detail
- Adaptability
- Teamwork
- Creativity
- Strong Work Ethic

Experience

Technical Lead

Bitdefender

Sep 2022 - Present (1 year 6 months)

Software Developer

Bitdefender

Oct 2019 - Present (4 years 5 months)

Main responsibilities in the Bitdefender Endpoint Security Tools team:

- Design, develop and maintain new product features
- Integrate cutting edge technologies into our product
- Monitor, debug and fix issues using advanced tools, such as Visual Studio Debugger, Sysinternals Suite, WinDbg, Wireshark etc.
- Implement new internal tools and scripts for improving the workflow of the team
- Automate functional tests for the product using Python

Software Engineer Intern

Bitdefender

Jul 2019 - Sep 2019 (3 months)

Education



Babes-Bolyai University

Master's degree, Distributed Systems in Internet

Oct 2020 - Jul 2022

Dissertation thesis implied evaluating the performance of a RESTful API versus a gRPC based on HTTP/3 microservice. The evaluation and optimization was performed on a cloud based malicious PDF detection service



Babes-Bolyai University

Bachelor's degree, Computer Science

Oct 2017 - Jul 2020

(Computer Science in German)

Thesis involved developing a cloud based framework for detecting malicious PDF files using machine learning

Licenses & Certifications

Deutsches Sprachdiplom (DSD II) - Zentralstelle für das Auslandsschulwesen (ZfA)

Skills

WebSocket • Elasticsearch • Prometheus.io • Grafana • Wireshark • VMware • Go (Programming Language) • Android Development • Xamarin Products • Representational State Transfer (REST)