Jan Novák

Prague, Czech Republic

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Education

Czech Technical University in Prague (CVUT)

Master of Engineering in Open Informatics (Software Engineering)

Sep 2018 – Jun 2023 | Prague, Czech Republic

GPA: 1.4 (Czech Scale 1-4)

Thesis: 'Performance Analysis of Microservice Communication Patterns'

Work Experience

Software Engineer | Avast (Gen Digital) | Jul 2023 - Present | Prague, Czech Republic

- Develop and maintain backend systems for cybersecurity products using C++ and Python.
- Work on performance optimization and scalability challenges.
- Utilize Git, Jenkins, and internal tools for development and deployment.
- Participate in Agile development processes.

Skills

Programming: C++, Python, Java, C#, Bash

Operating Systems: Linux, Windows

Databases: SQL (General Knowledge), NoSQL (Basic)

Tools: Git, Jenkins, CMake, GDB, Valgrind

Concepts: Object-Oriented Programming, Data Structures, Algorithms, Networking basics, Concurrency

Methodologies: Agile (Scrum)

Other Skills: Performance Optimization, Debugging, System Programming

Certificates

None specified

Awards

Dean's Award for Outstanding Thesis - CVUT Faculty of Electrical Engineering