CRISTIAN-ALEXANDRU BARBU

SOFTWARE ENGINEER   ⚲ BUCHAREST, ROMANIA   📞 0732602875

DETAILS

Bucharest
Romania
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LINKS

Linkedin

GitHub

HackerRank

SKILLS

C#/.NET

Python

Git

Microsoft SQL Server

Azure DevOps

Cisco Networking

Linux Operating System

HTML/CSS/JavaScript

LANGUAGES

Romanian

English

PROFILE

I'm a Software Engineer with a wide range of skills and knowledge in software development, test automation and networking.

EDUCATION

B.Eng., University POLITEHNICA of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, Bucharest
October 2016 — July 2020

- **Domain**: Computer Science and Information Technology
- **Courses**: Data Structures and Algorithms, Object Oriented Programming, Databases Design, Operating Systems, Computer Networks, Image analysis and processing, Patterns Recognition and Artificial Intelligence
- **Bachelor's Thesis**: Implementation of an automatic driver distraction prediction system using Deep Neural Networks (Spider, Python, Keras, Convolutional Neural Networks, scikit-learn, Pandas, Numpy, matplotlib)

EMPLOYMENT

Senior QA Automation Engineer at Finastra, Bucharest
November 2020 — Present

- Worked within a Scrum team following Scaled Agile Framework
- Developed UI and Back-End tests covering all endpoints
- Maintenance of the existing tests
- Developed new components for the internal automation framework
- Created scripts using Python for generating data documents
- Used JavaScript for automated checks in Postman API calls
- Configured Azure automation pipelines and prepare reports with test results
- Conducted technical interviews
- Developed UI tests using EasyRepro (Microsoft's Automation framework for Dynamics 365)
- Created test plans, test cases
- Tools and technologies: Visual Studio, Microsoft SQL Server, Microsoft Azure DevOps, Grafana, Postman, C#/.NET, T-SQL, Python, JavaScript, REST API

INTERNSHIPS

Network Operations Center Engineer at Vodafone Romania Technologies, Bucharest
June 2019 — August 2019

- Monitored the 2G, 3G and 4G networks using fault management systems
- Investigated basic alarms on different equipments and technologies related to every department
- Troubleshooting on different Virtual Machines (Linux based)

COURSES

CCNA Routing and Switching: 1,2,3,4, Telecom Academy
June 2018 — May 2020