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

Results-driven computer science graduate with a passion for both Software Development and Quality Assurance. Proven expertise in developing and executing automated testing strategies for ensuring software quality. I'm also skilled in working with various backend frameworks and managing database systems. Eager to leverage these skills into a software developer role.

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