



ALEXANDRU BUCURIE

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Profile

Hi, I'm Alex, a versatile developer with a passion for automation and a knack for problem-solving.

With over three years of experience in the tech industry, I've mastered a wide range of programming languages, including Python, C/C++, Java, C#, and PHP.

My passion for automation extends beyond my professional work. I've created personal projects like web applications in PHP and Java, automation scripts for Linux and Windows using Python, and even small programs to streamline my daily tasks. I'm the type of person who'd rather invest four hours crafting a script than spend twenty minutes solving a problem manually.

Experience

SCRUM MASTER | MEGA IMAGE | AUG 2023 - PRESENT

- Forged 2 thriving L2 Support teams.
- Led successful Agile adoption (Scrum/SAFe).
- Eradicated roadblocks for smooth team launch & growth.

SCRUM MASTER | RETVIEWS | APR 2022 – AUG 2023

- Captained two development & testing teams: Guided collaborative efforts, ensuring smooth operations.
- Championed Scrum implementation: Streamlined workflows and delivery through agile practices.
- Stepped up as product leader: Filled the gap, shaping development direction and vision.

PYTHON DEVELOPER | RETVIEWS | JAN 2021 – AUG 2023

- Increased website data extraction efficiency using Python (Scrapy, BeautifulSoup).
- Built custom pipelines and middleware for data cleansing and quality assurance.
- Designed and implemented MySQL databases for streamlined data storage and retrieval.
- Utilized Git for seamless code collaboration and version control.
- Leveraged Docker to create isolated testing environments for robust development.
- Developed user-friendly Flask web apps connecting MySQL/MongoDB for efficient data management.

C++ DEVELOPER | LUXOFT | MAR 2020 – AUG 2020

- Reduced lower back lid production time by 3 seconds at a major car manufacturer using C++ code, significantly streamlining the process.

C++ DEVELOPER | GRAITEC | JAN 2019 – AUG 2019

- Joined two metal pipes seamlessly: Utilized diverse techniques like welding, specific screw placements, and strategic hole configurations.
- C++ Solutions: Applied C++ and Object-Oriented Programming (OOP) for robust and durable results.
- AutoCAD Automation: Integrated AutoCAD APIs for enhanced precision and meticulous alignment.

Education

UNIVERSITY OF BUCHAREST, BUCHAREST, RO

- Bachelor of science in Computer Science, 2020

Skills & Abilities

Backend:

- Languages: Python, C++, PHP
- Data Persistence: PL/SQL/noSQL, Database manipulation, Data Ingestion
- APIs: RESTful
- Data Ingestion: Scraping, ETL
- Frameworks: Flask, Bottle
- Data Formats: JSON

Frontend:

- Frameworks: React
- Languages: JavaScript (ES6+), CSS, SCSS, HTML

Version Control: Git

Containerization: Docker

Scripting: Windows OS (cmd) and Linux OS (bash)

Projects

JiraPyTrack Mega Image, Bucharest - 2024

- Python-based interface designed to simplify project management and progress tracking using Jira APIs. It enables seamless integration with Jira, allowing teams to effortlessly create, update, and monitor tasks and projects.

[PolitigData](#) #Startup, InnovationLabs, Bucharest - 2023

- Utilize Python to analyse and structure post-exit poll vote counts for all voting sections in Romania from 2016 to 2020 (Python, Flask).

Sesam.ai #Startup #Winner, IdeaJam, Bucharest - 2022

- Revolutionize search with the winning decentralized blockchain-based engine (GO, Python, React)

Egames tournaments platform, Bachelor Thesis - 2021

- Engineered an interactive online betting platform with comprehensive features, including user accounts, team registration, and game hosting capabilities (PHP, JavaScript, CSS, HTML, Java)

Traffic simulation, Bachelor Thesis, Bucharest - 2020

- Developed Unity-based software for traffic management, incorporating realistic simulations of cars, intersections, and traffic lights.

Specifically crafted for real estate developers, providing a valuable tool to visualize and assess future traffic conditions in their building areas