

Saru Gabriel - Alexandru

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Skills

- C# | .NET | Java | C++ | C | Python | Assembly x86 | Haskell | MSSQL | NoSQL | Git
- Azure | Cloud Computing | CI/CD | Cucumber | Nightwatch | Unit Testing | OOP
- Microservices | Distributed Systems | Backend | Full-Stack | English

Experience

Site Reliability Engineer II

Microsoft

Bucharest, Romania

12/2023 - Present

- Streamlined Sovereign Cloud buildouts by automating DNS Zones and IP whitelisting, significantly reducing manual overhead.
- Enabled smooth global rollouts (France, Germany, Singapore) of XStore by automating storage account creation and eliminating repetitive tasks.
- Improved consistency and reliability across regions by automating MiniSRP workflows and deployments in both Public and Sovereign Clouds.
- Accelerated readiness of new cloud regions through efficient setup, debugging, and deployment of MiniSRP environments and SLV.
- Simplified tenant onboarding for Bleu and Delos GovSG by developing automation pipelines (PowerShell → C#), reducing errors and increasing adoption speed.
- Strengthened resilience of SovCloud Microsoft Services by executing migration plans, remediation tasks, and high-availability improvements.
- Reduced configuration issues by enhancing Dynamic Config processes for Bleu and Delos tenants.

FullStack .NET Developer

Collabera

Bucharest, Romania

01/2023 - 06/2023

- Improved system observability by integrating advanced telemetry and correlating APIs with vector contexts for faster troubleshooting.
- Reduced deployment risks and improved delivery speed through CI/CD pipeline automation, code reviews, and comprehensive testing practices.
- Enhanced database performance by redesigning the data model, removing duplicate records, and optimizing queries.
- Boosted team efficiency by streamlining integration workflows and ensuring consistent environments across development and production.

Junior System Developer

Signal Iduna

Bucharest, Romania

08/2021 - 08/2022

- Learned and adapted quickly to new technology and software applications.
- Used critical thinking to break down problems, evaluate solutions and make decisions.
- Delivered reliable new features by implementing unit and automated testing with Microsoft Playwright, minimizing regressions.
- Supported business needs with innovative solutions by applying structured problem-solving and critical thinking.
- Improved product stability and customer satisfaction by identifying and fixing recurring issues before release.
- Quickly adapted to new technologies and integrated them effectively into ongoing projects.

Education

Bachelor of Computer Science

UPB

Bucharest, Romania

09/2019 - 07/2023

- Faculty of Automatic Control and Computer Science, Politehnica University of Bucharest UPB

Projects

- **Compiler** : Implemented a Compiler (with all of his stages) for COOL (Classroom - Object- Oriented - Language) in Java. **(10/2022 - 01/2023)**
- **Chess Engine** : Group project in which we used Java to develop a Chess-Bot which can play smart and fast using minimax and alfa-beta pruning. **(03/2021 - 05/2021)**
- **Abstract Syntax Tree** : Implementation of an Abstract Syntax Tree in Assembly x86. **(03/2021 - 05/2021)**
- **Mini Pre-Processor** : Implementation of the GCC preprocessor. The program takes a C file and replaces all the defines and includes in the code. **(03/2022 - 03/2022)**
- **Face and Emotion Detector** : Implemented a Face and Emotion Detector in the most efficient way using Algorithms and Data Structures in Python, using OpenCv, the project was built on a Raspberry Pi 4 with a camera module. **(04/2022 - 05/2022)**

Certifications

- **Python Fundamentals**: Workshop hosted by Google Digital Garage during which I studied Python knowledge throughout Pycharm IDE and various projects, and earned a certificate to prove my skills. **(10/2022 - 01/2023)**
- **Android Fundamentals**: Workshop hosted by Google Digital Garage during which I studied Android knowledge throughout Android Studio IDE and various projects, and earned a certificate to prove my skills. **(10/2021 - 01/2022)**