BOGDAN COPOCEAN

Senior Software Engineer

DETAILS

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Bucharest
Romania

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EMAIL
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DATE OF BIRTH
06/01/1996

NATIONALITY
Romanian

LINKS

Linkedin

Github

Gitlab

SKILLS

Python

AWS

PostgreSQL

Elasticsearch

CI/CD

Docker

Kubernetes

PROFILE

Senior Software Engineer & **AWS Solutions Architect** certified with **4 years** of experience in building **highly scalable** software products with a passion for **serverless architectures** and **cloud-native** applications.

EMPLOYMENT HISTORY

Senior Software Engineer, FINN   Bucharest

Feb 2022 — Present

I'm currently working as a **Senior Software Engineer** with a strong focus on **delivering scalable and high quality software products** in the **Finance & Legal** department, enabling the company to offer a **wide range** of **business operations** to customers across Germany and US, such as: subscription creation, charging customers, reconciliations, invoicing etc.

Key Responsibilities:

· Deliver **robust, scalable and high quality products** for the internal **financial core processes**.
· Create **clean API interfaces**, enabling **Event-Driven Development** across all organisation's departments, and **operating distributed systems**.
· Develop and maintain **CI/CD pipelines**.
· Writing **clean, maintainable** and **thoroughly-tested** code.
· Apply **best practices** for the **Cloud infrastructure**.
· **Mentoring** and **helping** Junior Engineers **to grow** within the team.
· Taking part of the hiring processes.

Technologies:

· **Python - Fast API**
· **PostgreSQL**
· **AWS - API Gateway, Lambda, Aurora, S3, etc.**
· **Serverless Framework**
· **Gitlab CI**
· **Docker**
· **Low Code - Make, NocoDB, Retool**

Software Engineer, EPAM Systems   Bucharest

Jul 2021 — Feb 2022

I had the pleasure to work with the **Elastic Observability Team** on the **elastic-serverless-forwarder** **open-source project**. At the time of our collaboration, the team was composed of **highly skilled Engineers** and **Product People** from which I learned and **improved my skills** fairly quickly.

Key Responsibilities:

- **Contribute** to the project's **code base** and **documentation**.
- **Integrated** AWS Secrets Manager service.
- Worked on a PoC solution for Notice file generator in Python.

Technologies:

- **Python**
- **AWS - Lambda, S3, SQS, CloudFormation, Secrets Manager, etc.**
- **Docker**

At EPAM Systems, I've been through several months of training and **learning** about **new programming languages** and **various technologies**, such as: **Go, Docker, Kubernetes, Domain-Driven Design, CI/CD** etc. The **on-going** and **consistent learning curve** nudged me closer **in my pursuit of becoming a skilful engineer.**

Software Engineer, Cyberghost SRL   Bucharest

Aug 2020 — Jul 2021

Being part of the **ML & Data Analytics** team, I developed an in-house **full-stack web application** as a solution for stakeholders to visualise, create reports and see insights regarding the CyberGhost VPN product. The solution I provided enabled stakeholders to **create** and **share custom reports** (such as filters, funnels, cohorts, insights, etc.), **compare results from A/B testing**, and help the teams to **make informed decisions** on improving the product.

Key Responsibilities:

- **Develop new features** and functionalities in line with the **stakeholder's requirements**.
- Maintain and develop ingestion pipeline into the **Elasticsearch cluster**.
- Optimise search and computing capabilities on the backend, leveraging multiprocessing in **Python**.
- Design the UI and apply UX/UI best practices on the frontend.

Technologies:

- **Python - Flask**
- **React**
- **AWS**
- **Elasticsearch and Kibana**
- **MongoDB**

I also built a **Mobile Push Notification System** on iOS and Android platforms, informing the customer about the latest discounts and promotions available, **boosting** the customer's **conversion rate.**

Key Responsibilities:

- Deliver a robust, flexible and scalable software product reaching hundreds of thousands of customers.

- Write **clean, maintainable** and **thoroughly-tested** code.

Technologies:

- **Python**
- **AWS - Lambda, SQS, SNS**
- **Elasticsearch**

Software Developer, Freelance   Romania

Jan 2019 — Jul 2020

At the beginning of 2019, I decided to devote myself to a career in software development. From then on, **I've been immersing myself** in online courses and books from O'Reilly, Udemy, FreeCodeCamp, and Youtube.

I chose **Python** as my first programming language and started studying **Data Structures & Algorithms**. That enabled me to build a solid foundation before moving to more advanced topics like **Object-Oriented Programming** and **Design Patterns**.

Throughout 2019, I've worked on **various freelance projects** that helped me gain a **broader understanding** of the production environment and working with clients.

EDUCATION

Bachelor's degree, USAMVBT   Timisoara

Oct 2016 — Aug 2020

Main subjects: **Photogrammetry, Linear Algebra** and **Calculus, Geometry, Physics, Trigonometry**, **Geodesy (Space/Satellite), Mining Surveying, Processing** and **Data Automation**.

Graduated: **9.8/10**.

CERTIFICATIONS

AWS Solutions Architect - Associate, AWS

Nov 2022 — Nov 2025