Șerban Petrescu

Software Engineer; Solution Architect; Entrepreneur

I currently work as a VP of Engineering at [DevFactory](#) and as a part-time consultant at [msg-systems Romania](#).

Personal Info

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Summary

I'm Serban, an IT enthusiast with a passion for anything code-related. I love DevOps and truly believe that the best way to achieve real results is to empower small, self-sustaining teams to directly deliver value to customers.

In this environment, I think that the purpose of a leader is to rally the team around a cause and to facilitate its members to assume responsibilities. Throughout the years I've fulfilled many roles because of my drive to self-improve and have assembled a wide variety of skills making me a well-rounded technical leader.

Architecture (project list)

- I am part of a team that makes high-value technical decisions for a portfolio of 200+ products.
- I was the main technical decision-maker in several successful AWS and SAP Cloud projects.
- I have analyzed legacy software systems, described their core structures, and generated insights.
- I derived and codified the overarching principles and standards of our architecture team.
- I analyzed the spending of very large AWS accounts ($20M/year) and found ways to cut the bill.
- I hosted architecture-centric workshops with development partners, customers, and cloud vendors.
- I directly consulted customers and guided them to build simple but solid system architectures.

Technical Leadership (project list)

- I assembled and led teams of up to 20 people (developers, testers, UI/UX designers).
- I established development processes, guidelines, CI/CD pipelines, and best practices.
- I created technology-specific communities of practice to promote knowledge-sharing.

Entrepreneurship

- I founded and ran a start-up. We had moderate success before COVID took us down.
- Another one of my co-ideas was implemented in an actual product that is currently on the market.
- I took part in a corporate-sponsored insurtech and had direct contact with German insurers.

Coaching, Mentoring, and Hiring (project list)

- I regularly hold technical interviews for Senior Developer positions.
- I created several trainings that are still being used today.
- I frequently mentor or coach developers from the ground up. Some of them are Seniors today.
- I proposed and organized various internship programs and other student-facing initiatives.
- I even taught Software Design at the local university and netted a few great Juniors in the process.

Development (project list)

- I still code almost every day. It is my life-long passion along with video games.
- I shifted through many extremely dissimilar technologies: PHP, SAP, Java, NodeJS, AWS.
- I am a true full-stack engineer. I am equally proficient in React/Angular, Spring/NodeJS, and SQL.

Work History

DevFactory
VP Software Engineering; 2020 – present

msg-Systems Romania
Lead IT Consultant; 2013 – present

KickIT SRL
Founder; 2018 – 2020

TU-CN
Teaching Assistant; 2019

Skills

Technical
- Spring, NodeJS
- React, Angular
- AWS, SAP Cloud
- Terraform, AWS CDK
- PostgreSQL, HANA

Core Soft Skills
- Leadership, Teamwork
- Coaching, Mentoring

Achievements

Certifications
- AWS Solution Arch. Professional
- AWS Solution Arch. Associate
- Cambridge CAE – C2

Education
- BSc. of Computer Science (TU-CN)
- MS. of Software Engineering (UBB)

Languages
- Romanian, English