



Șerban Petrescu

Lead 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

Hi! I'm Serban, an IT professional with a passion for code. I specialize in DevOps and believe that small, self-sustaining teams are the key to delivering value to customers.

As a technical leader, I have a wide range of skills and experiences that make me well-rounded:

Architecture [\(project list\)](#)

- Led several successful AWS and SAP Cloud projects.
- Analyzed legacy software, described core structures, and found cost savings.
- Hosted architecture workshops with partners, customers, and vendors.
- Consulted customers and guided them to build simple, solid system architectures.

Technical Leadership [\(project list\)](#)

- Led teams of up to 20 people (developers, testers, designers) in the successful operation, maintenance, and extension of multiple SaaS products.
- Established development processes, CI/CD pipelines, and best practices.
- Created technology-specific communities to promote knowledge-sharing.

Entrepreneurship

- Founded and ran a start-up.
- Participated in a corporate-sponsored insurtech with German insurers.
- Generated an idea that was implemented in an actual current market product.

Coaching, Mentoring, and Hiring [\(project list\)](#)

- Held technical interviews for engineers (up to Lead engineers).
- Created technical training programs still in use.
- Mentored and coached developers, including teaching Software Design at a local university.

Development [\(project list\)](#)

- Code nearly every day; these days mostly in TypeScript.
- Shifted through many extremely dissimilar technologies: PHP, SAP, Java, NodeJS, AWS, Azure, Go.
- A true full-stack engineer: equally proficient in React, Spring/NodeJS, SQL and AWS.

Work History

DevFactory

VP Software Engineering; 2021 – present
Cloud Architect; 2020 - 2021

msg-Systems Romania

Part-time Consultant; 2020 - present
Lead Engineer; 2013 – 2020

KickIT SRL

Founder; 2018 – 2020

TU-CN

Teaching Assistant; 2019

Skills

Technical

- Java, TypeScript
- Spring, NodeJS
- React, Gatsby
- AWS, SAP Cloud
- Terraform, AWS CDK
- PostgreSQL, HANA, MySQL

Core Soft Skills

- Leadership, Teamwork
- Coaching, Mentoring

Achievements

Certifications

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

Education

- TU-CN: BSc. of Computer Science
- UBB: MS. of Software Engineering (final dissertation pending)

Languages

- Romanian
- English