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| avatar | Șerban Petrescu  Software Engineer; Solution Architect; Entrepreneur  I currently work as a cloud solution architect at [DevFactory](https://devfactory.com/) and as a part-time consultant at [msg-systems Romania](https://www.msg-systems.ro/). | | | **Personal Info**   |  |  | | --- | --- | | C:\Users\petrescs\Downloads\font-awesome_4-7-0_link_256_0_5b9bd5_none.png | [serban-petrescu.github.io](https://serban-petrescu.github.io) | |  | [Serban.Petrescu@outlook.com](mailto:Serban.Petrescu@outlook.com) | |  | [0040 744 865 132](tel:0040%20744%20865%20132) | |  | Cluj-Napoca, Romania | |
| **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](https://serban-petrescu.github.io/?filter=architect#my-projects))  * 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](https://serban-petrescu.github.io/?filter=lead#my-projects))  * 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](https://serban-petrescu.github.io/?filter=teaching#my-projects))  * 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](https://serban-petrescu.github.io/#my-projects))  * 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 Cloud Solution Architect; 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 | |