Șerban Petrescu
Software Engineer; Solution Architect; Entrepreneur

I am an IT enthusiast that works full time at msg-systems as a lead developer and solution architect, has an own tech start-up and teaches Software Design at TU-CN.

Work History

Lead IT Consultant
msg-systems Romania
2013 – present
- Climbed up the corporate ladder from intern to lead developer.
- Tackled typical development tasks like specification analysis, design, implementation, testing, bug analysis and fixing, etc.
- Served as solution architect for several successful cloud-based projects, deployed on either Cloud Foundry or AWS.
- Designed solutions with both classical architectures (layered, hexagonal) and cloud native architectures (micro-services, FaaS).
- Acted as technical lead for small-to-medium teams of developers in an agile, SCRUM-like setting.
- Hosted several technology-centered customer workshops in support of the sales process or the architecture and design phase.
- Organized various internal trainings, technical deep-dives, workshops and internship programs.
- Frequently mentored and coached new team members.
- Regularly evaluated colleagues and presented feedback to them.

Co-Founder
Kick IT
2018 – present
- Founded a start-up with a close friend and handled most of the legal, financial and administrative tasks related to our company.
- Fully designed, implemented and operated a cloud-native progressive web application.
- Realized the user experience, continuous deployment pipeline, monitoring and logging setup.

Teaching Assistant
Technical University of Cluj-Napoca
2019 – present
- Hosted the Software Design laboratory for 3rd year C.S. students.
- Prepared my own teaching resources based on a loose curricula.
- Evaluated the students during the semester and graded their exam papers at the end of the year.

Education

MSc. Software Engineering
Babes-Bolyai University Cluj-Napoca (class of 2019)

BSc. Computer Science
Technical University of Cluj-Napoca (class of 2016)

Personal Info

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Skills

Technical Focus:
- Spring
- Hibernate
- NodeJS
- TypeScript
- React
- Bulma
- Amazon Web Services
- PostgreSQL

Past Focus:
- ABAP
- HANA
- SAP UI5
- SAP Cloud Foundry
- SAP Cloud NEO
- EclipseLink
- Angular
- Material
- Semantic UI

Soft Skills
- Time Management
- Leadership
- Coaching
- Mentoring
- Teamwork
- Rigid work ethic

Languages
- Romanian – mother tongue
- English – proficient

Portfolio

Check out my portfolio for more details about my work!