

Csaba Szilveszter-Berei

Full-Stack Developer
DevOps Engineer
QA Engineer
Software Architect
Technical Writer



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Summary

- >15 yrs of experience in the IT industry
- Experience in all stages of the software delivery lifecycle
- Knowledge and experience in a wide range of technologies, languages, and solutions
- Strong knowledge and experience in applying various software, infrastructure, data modeling concepts and industry best practices
- Vast experience architecting cloud based solutions and a strong knowledge of the major cloud computing platforms but even a few minor ones too
- Proven technical leadership, technical writing and planning skills
- Able to work in a diverse and distributed team, but also a strong solo performer
- An experienced communicator, a quick learner, completionist and perfectionist with an analytical mindset and an outstanding work-ethic
- A power-user of AI assisted coding, stack-overflow and similar tools
- A huge fan of all things open-source and occasional contributor too
- Based in Romania but happy to temporarily re-locate anywhere in the world

Education

- Bsc in Geology and Paleontology, Babes-Bolyai State University, Cluj-Napoca, Romania
- Cisco Certified Network Associate, Cisco Systems
- Python Certified Associate, Python Institute
- Self-taught engineer, continuous learner

Spoken languages

- Hungarian (native)
- Romanian (second language)
- English (advanced)
- German (beginner)

Companies I've worked with

- **KidLet.ro (kidlet.ro) – 2023 - Present**
Full Stack Engineer, DevOps Engineer, SCRUM Master, Architect
- **DataArt Solutions, Inc. (www.dataart.com) – 2022 - Late 2023**
Senior Software Engineer, Senior DevOps Engineer, Tech Leader
- **Lola Tech, Ltd. (lola.tech) – 2014 - 2022**
DevOps Engineer, Software Developer
- **Neusoft EDC (neusoft.ro) – 2010 - 2014**
QA Engineer, Sysadmin, IT support engineer
- **Xoomworks (xoomworks.com) - 2008 - 2010**
Sysadmin

Some recent projects I've worked on

Scaling of a local e-commerce business

Client description	The client is one of Romania's major online outlets of clothing and apparel, mainly for children but also adults and even newborns. They reached a point where their two-man software engineering team couldn't cope with business needs, so they started looking for experienced engineering staff in order to be able to scale the business and remain competitive.
Technologies	Bare-metal, Hetzner Cloud, Ansible, GitLab, Laravel, Vanilla PHP & JS, MariaDB, Redis, etc.
Responsibilities	Full Stack Engineer / DevOps Engineer / SCRUM Master / Architect <ul style="list-style-type: none">• Driving the design of technical solutions and producing appropriate architectural documents• Developing business logic, working on the presentation layer and user interface, and everything in between• Extending the invoicing system, inventory management, order processing and other business critical systems• Developing Infrastructure-as-Code and CI/CD Pipelines• Implementing search engine optimization and analytics• Integrating lots of 3rd party services, including AI assisted product tagging, image processing and pricing

- Implementing incident management
- Driving Agile transformation
- Training, guiding and supporting engineers
- Creating and refining individual epics and tickets
- Contributing to a significant overall increase in user satisfaction
- Scaling the team, the infrastructure, the code, and the business

Cloud transformation at a massive international enterprise

Client description	The client is the top global sports betting and gambling syndicate, owning and managing top international brands in the domain. They employ thousands of engineers and supporting staff, so their technical infrastructure, company policies and procedures are suitably complex. They realized that their legacy solutions and procedures will not scale and cannot cope with expectations of the modern technical landscape, so they decided to embark on a cloud transformation journey.
Technologies	AWS, VMWare, Terraform, Jenkins, GitHub, BitBucket, Python, etc.
Responsibilities	<p>Tech Lead / Architect / Team Lead</p> <ul style="list-style-type: none"> ● Communication with peers, management, and vendors ● Training, guiding and supporting engineers ● Working closely with and reporting regularly to higher management ● Providing technical support to and collaborating with other engineering teams ● Planning, delegating and reviewing high level work-streams and delivery-phases of the project ● Creating, refining and assigning individual tickets ● Driving the design of technical solutions and consulted on various related work ● Unblocking the team in many situations, substituting other managerial staff when needed ● Producing and following enterprise policies and procedures <p>Tech Writer</p> <ul style="list-style-type: none"> ● Writing playbooks, producing tutorials ● Co-authoring acceptance into service and high level design documents ● Review and sign-off of various technical documentation <p>DevOps Engineer</p> <ul style="list-style-type: none"> ● CI/CD pipeline development ● Infrastructure as code development ● Containerization and virtualization ● Analysis scripting to support data-driven design ● Migration and continuous improvements of the system

Online charity and mutual help portal

Client description	The client is a charity non-profit who wanted to provide an easy way to match people in need with people ready to help in a conflict zone. After being able to seed the project via dedicated European funds, our team was asked to develop this solution from scratch and host it. We took this project on as pro bono.
Technologies	Vercel, NextJS, Strapi, OAuth, etc.
Responsibilities	Solo DevOps Engineer <ul style="list-style-type: none">• CI/CD pipeline design & development• Infrastructure as code design & development• Database schemas and migrations implementation• Continuous improvements of all aspect of the system• Preparing the finished solution for auto-pilot

Online turn-based IT simulation/game

Client description	<p>A small Scottish company trying to develop, host and maintain an online turn-based simulation (or game). This would enable companies to prepare for and model their technology related work by applying various industry practices regularly and invest in various technology. After each turn (month) they could then verify and confirm their approach and make the necessary changes to succeed.</p> <p>The client already owned a legacy solution of the above described software and needed our team to refactor it, modernize it and host it in the cloud.</p>
Technologies	AWS, Laravel, GitHub, etc.
Responsibilities	Lead DevOps Engineer & Solutions Architect <ul style="list-style-type: none">• Designing the platform hosting solution, the software delivery lifecycle of the product and implementing it• Helping developers refactor the Laravel codebase to enable hosting it as a serverless solution on AWS and helping them set up their local development environments• Migrating DNS, e-mail and other supporting infrastructure from various hosting platforms to AWS and migrating the client's presentation site (Wordpress) from DigitalOcean to AWS

Links

<https://szilvesztercsab.github.io/> (rarely updated blog powered by static WordPress)
<https://szbcs.is-a.dev/> (a brutally simple, handwritten static page with bare minimum content)
<https://github.com/szilvesztercsab> (home to the few repositories I maintain)
www.linkedin.com/in/csaba-szilveszter-berei-26999968/ (personal LinkedIn profile)