Maksim Shlain

+43 660 2189502 • maxshlain@gmail.com • Vienna, Austria • www.linkedin.com/in/maxshlain

Summary

I am a Principal Cloud Developer with over 15 years of experience in cloud development and solution architecture. I lead technological transformations, aligning software standards with business goals, and I'm passionate about mentoring teams and adopting new technologies.

Key strengths:
- Expert in backend development with C# and microservices in Kubernetes (k8s) environments.
- Skilled in design proposals, peer reviews, and the full development cycle.
- Committed to mentoring junior developers and fostering a learning culture.
- Advocate for innovation through new technologies and process improvements.
- Proficient in TDD, CI/CD, and Agile methodologies for rapid, high-quality development.
- Strong focus on metrics-driven decision-making and continuous feedback.

Professional Experience

Principal Cloud Developer
Zerto (HPE Company)

Nov 2021 – Present
Herzliya, Tel Aviv District, Israel

As an independent and highly skilled Principal Cloud Developer, I specialize in taking abstract tasks, working collaboratively with teams to define clear requirements, and delivering high-quality, well-rounded design proposals. With a passion for clean code, SOLID principles, and fast feedback loops, I drive early delivery and implementation across a range of backend services.

In my role, I lead the design and architecture of complex microservices solutions, ensuring all aspects are thoroughly reviewed by peers and architects. Whether working individually or as part of a squad, I take ownership of the orchestration and execution of tasks. At least half of my time is dedicated to code reviews, mentoring, and supporting my team members, with a particular focus on junior developers.

Key Achievements:
- Architected a microservices deployment strategy, streamlining the creation of deployable MicroK8s cluster images, enhancing our deployment pipeline.
- Implemented robust upgrade and rollback mechanisms, enabling seamless updates with minimal downtime.
- Strengthened the security posture of MicroK8s clusters by securing data at rest and in transit.

I am passionate about continuous learning and regularly initiate internal tech talks and workshops, from Uncle Bob's Clean Code to the latest industry trends.

Co-Founder & CTO
Zgmund

Nov 2020 – Nov 2021
Remote

At Zigmund, we tried to create an empathic chatbot that could help facilitate meaningful online therapeutic group meetings.

I was the technical founder together with my good friend, Ohad Gerzi, who acted as founder and CEO. Aside from constant ideation and product iteration, my main responsibilities were:

- Extremely fast prototyping and delivering the MVP
- Hacking ultra-tight budget and time constraints
- Lean IT management that allowed a small team of non-tech people to work from all over the world

After 12 months of hard work, we concluded that the product was not viable and decided to shut it down. It was a great experience, and we learned valuable lessons.

Tech-Lead in Infra
Zerto

Feb 2019 – Oct 2020
Herzliya Area, Israel

- I led cross-group processes transformations in Zerto and set software standards within few development groups. I pushed toward better product performance and designed top-value features in multiple domains.
- Self-implemented (and guided others to continue) numerous C# projects to migrate in-memory objects caches and raw files to SQL, while holding the DB matter expert role in Zerto.
- Introduced best TDD and BDD practices for various teams which lead to reducing development cycles and improved overall quality.
- I lead worldwide distributed teams to deliver sophisticated emulation systems for large-scale VMWare labs (50 hosts, 6K VMs). This made it possible to deploy huge customers' topology in hours instead of weeks.
- I opened a way for better product decisions by implementing a backend google analytics monitoring system. This allowed us to collect rich analytics data and critical application runtime data which helped to perfect the product.
- Established the weekly "Engineering University": a technological training with developers, which gained huge popularity between teams in Israel and abroad. Developers had the opportunity to constantly learn and practice new topics about modern dot net tooling, best Dev practices, and good code architecture.

Software Development Team Lead
Zerto

Apr 2017 – Mar 2019
Herzliya Area, Israel

- Spearheaded numerous successful software development projects, ensuring they were completed on time, within budget, and met high-quality standards.
- Led, motivated, and mentored a team of talented software developers, fostering a collaborative and innovative work environment.
- Implemented agile methodologies to streamline project workflows, improve team efficiency, and enhance product development processes.

BE SW Engineer
Zerto

Sep 2016 – Apr 2017
Herzliya Area, Israel

- Developed and maintained scalable back-end systems for disaster recovery solutions, enhancing system reliability and efficiency.
- Collaborated with cross-functional teams to define and implement new software features, resulting in a 15% improvement in customer satisfaction ratings.
- Optimized existing codebase for performance improvements, significantly reducing system downtime.

Software Development Team Leader
Varonis

Jan 2014 – Aug 2016
Herzlya-Pituah, Israel

- Managed 2 teams of brilliant engineers in Israel and Ukraine (Cicklum). We developed internal engineering tools, reducing development life cycle time. Such technological jumps initiated by my team included the development of PowerShell and .NET based large scale automation systems. Implemented a management Web-Portal (ASP MVC + Ext JS) to ease on management and analytics of our dev systems.

Software Engineer
Varonis

Aug 2012 – Jan 2014
Herzlya-Pituah, Israel

- Developed numerous internal tools that accelerated the development process and improved code quality.
- Pioneered the concept of continuous testing, allowing for early bug detection and significantly reducing time spent on debugging.

Software Engineer | Mar 2011 – Aug 2012
DHL Israel (Flying-Cargo) | *Ben Gurion Airport, Israel*

- Technically leading talented software engineers and holding the Release-Management role. We developed company-wide customs and package management systems for Israeli customs brokers.
- Worked closely with business units, defining together their requirements (mostly customs brokerage management) and implementing their requests. Delivered an innovative analytics system for large customers. Improved numerous business processes by reducing SQL report execution time from hours to seconds.

.Net and Sharepoint Developer | Aug 2009 – Feb 2011
Omnisys | *Rosh Ha Ayn, Israel*

- Developed unique SharePoint solutions for large customers (ICL, Better Place, 888 Holding, Paz, IAI).

Software Testing Engineer | Aug 2009 – Dec 2010
Omnisys | *Rosh Ha Ayn, Israel*

- Development and execution of comprehensive test plans, ensuring software met all quality standards prior to release.
- Collaborated closely with the development team to identify, report, and troubleshoot software defects, significantly improving product quality and user experience.

Software Testing Automation Engineer | Jan 2007 – Dec 2009
Dassault Systemes Israel Ltd. (former SmarTeam Corporation Ltd.) | *Kfar Saba, Israel*

- Developed GUI automation systems with Win Runner and QTP. Developed and executed load and performance tests with Load Runner. I was in charge of analyzing raw execution results that lead to fixing severe performance regressions.

Education

The Academic College of Tel-Aviv, Yaffo | Tel Aviv, Israel
BSc, Computer Science | *2010*

Skills

- Solution Architecture	- Microservices Deployment	- Ansible & Infrastructure as Code
- Complex Problem Solving	- Security Enhancement	- Team Leadership & Mentoring
- Software Development	- DevOps & CI/CD	- Cross-group Process Transformation

Languages

- German, Beginner
- English, Fluent Professional Communication
- Hebrew, Native
- Russian, Native
- Ukrainian, Native