

## Jonathan Solarz

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### About me

I'm a versatile hands-on tech leader and software developer with over 24 years of experience. I consistently embrace new technologies and methodologies to architect and implement robust, scalable solutions. My comprehensive expertise encompasses full-stack development, data architecture, leading key cloud applications, and driving AI modernization initiatives. I excel in both coding and strategic system design, guiding and mentoring development teams through complex projects to achieve tangible business outcomes.

### Education

<b>Universidad de Palermo</b>	Buenos Aires, Argentina
Bachelor Computer Science	2011

<b>Ort Argentina</b>	Buenos Aires, Argentina
Computer System Analyst	2004

### Experience

<b>Microsoft</b>	Herzliya, Israel
<b>Architect</b>	2022-Current

- Led Azure Cloud, Data, and AI transformation initiatives for enterprise clients across the Middle East and Africa, often engaging directly at customer sites to understand and resolve complex IT requirements.
- Architected and delivered end-to-end Azure-based AI and data modernization projects, including enhancing a critical AI Advisor solution that improved answer accuracy and reduced deployment time through robust CI/CD automation.
- Designed and facilitated AI Center of Excellence (CoE), DevOps, and Agile workshops, successfully accelerating Copilot and Agile adoption and readiness for major enterprise clients.

<b>Bolt</b>	Petah Tikva, Israel
<b>Software Architect</b>	2021

- Directed the modernization of the platform to .NET 6 and orchestrated the transition to a cloud-first architecture, distributed architecture.
- Executed proof-of-concept (POC) initiatives to explore, evaluate, and provide strategic recommendations on new technologies, focusing on solutions for scalability and maintainability.
- Championed software architecture best practices, introducing advanced solutions, methodologies, and tools to enhance system reliability and performance.

<b>ImageSat International</b>	Petah Tikva, Israel
<b>Software Development Team Lead</b>	2018-2021

- Directed a cross-functional team of 10 (developers, QA, DevOps), fostering collaboration that reduced critical bug reports by 35% and elevated code quality.
- Authored, reviewed, and approved functional and technical design specifications for application development.
- Established an Azure DevOps CI/CD pipeline for testing, release, and deployment, reducing deployment time by 60%.
- Mentored and coached team members to enhance task completion, meet deadlines, and achieve business objectives.
- Engineered a robust technical framework for a multi-satellite ground station, enabling seamless integration with existing systems and optimizing data flow for daily communications.
- Drafted the winning technical solution for a tender, contributing to a \$30 million increase in company revenue.

<b>ActiveTrail</b>	Tel Aviv, Israel
<b>Software Development Team Lead</b>	2017-2018

- Supervised a team of 5 software developers.
- Implemented a message service that expanded message delivery capacity by 50%.
- Introduced Azure DevOps CI/CD pipeline for 30 servers, reducing deployment time by 50%.
- Upgraded the .NET version of existing software, improving performance by 70%.

<b>Traxx</b>	Tel Aviv, Israel
<b>Software Development Team Lead</b>	2014-2017

- Guided a development team of 5 developers, QA, and a UI/UX expert.
- Designed, developed, and delivered key platform features that increased revenue and client adoption by 30%.
- Migrated version control to Git, significantly reducing new feature development overhead by 50%.
- Documented the technical architecture and design (SSD) for key platform features, which validated designs and reduced development time by 25%.

R/GA

Buenos Aires, Argentina

### Software Engineer

2011-2014

- Led a development team of 3 developers, QA, and a designer.
- Engineered solutions for prominent clients including PwC, Microsoft, McCormick, and Verizon, improving user reach by 25%.
- Mentored and trained team members to ensure task completion and adherence to project timelines and business goals.
- Configured Azure services for testing, release, and deployment, leading to faster release cycles and reduced testing time.
- Contributed to the launch of Windows 8, enhancing the Buenos Aires branch's exposure and collaboration with US counterparts.

Quadratico

Buenos Aires, Argentina

### Software Development Team Lead

2005-2011

- Supervised a team of 3 developers across multiple client projects.
- Managed the full software development lifecycle, encompassing requirements gathering, technical design, implementation, testing, deployment, and documentation.
- Provided mentorship and training to team members, supporting them in meeting project deadlines and achieving objectives.

Universidad de Flores

Buenos Aires, Argentina

### Software Developer

2001-2004

- Developed a new student management and billing system for the administration department.
- Created a web-accessible course registration, exams, and academic queries system for the university site.

## Additional Engagements

### Remote & Various Clients

2018-2019

### Remote Software Developer

- Architected and built a custom ERP system for restaurants, integrating analytics using .NET and RavenDB.
- Developed and deployed full-stack web applications leveraging React, Node.js, C#, Python, and AngularJS, with a strong focus on Docker containerization and various database systems (MS SQL, MySQL, Postgres, Redis).
- Engineered and optimized cloud infrastructure on AWS and Azure, setting up robust CI/CD pipelines (Bitbucket, GitLab) for automated deployments and continuous delivery.
- Provided specialized full-lifecycle development services to the Cabinet of Ministers of Argentina.
- Developed a Windows 8 application and a 3D jQuery plugin for 360-degree image display, integrating with Canon SDK and .NET.
- Customized Drupal and enhanced backend services for an iOS application.

## Skills

- **Architecture & Design:** Enterprise & Solution Architecture, System Design, Technical Roadmapping, Solutions Integration, Agile Methodologies, Microservices Architecture, API Management, Web-Scale Architectures.
- **Cloud & DevSecOps:** Kubernetes (Concepts & Implementation), Docker (Advanced), AWS, Azure, Git, CI/CD Pipelines (GitHub Actions, Azure DevOps, GitLab, Bitbucket), Infrastructure as Code (IaC), Cloud Automation, Data Storage, Networking, Monitoring, Security.
- **Software Development:** C#/.NET (20 years), Web Development (25 years), Cloud-Native Applications (10 years), Front-end Development (React, Angular), Python, PHP, Relational & NoSQL Databases (25 years), Redis.
- **Modern Software Delivery Practices:** Continuous Integration (CI), Continuous Delivery (CD), Test-Driven Development (TDD), Behavior-Driven Development (BDD).
- **AI & Machine Learning:** Prompt Engineering, Semantic Kernel, Azure AI Services, AI Model Deployment, AI Ethics, Chatbot Development, OpenAI Technologies.
- **Teamwork and Collaboration:** Project Management, Team Leadership, Cross-functional Collaboration, Technical Documentation, Strategic Planning, Effective Communication, Mentorship and Coaching, Continuous Improvement.
- **Languages:** Spanish (native), English (fluent), Hebrew (native)