Alejandro Echeverría

Professional Summary

As a Full Stack Software Engineer with 20 years of experience in the industry, I deliver innovative technical solutions to address complex business challenges. With a strong emphasis on AI-driven solutions, I specialize in leveraging AI, data analytics, and cloud-native software architecture to create scalable, secure, resilient, intelligent systems that drive business growth. I stay ahead of industry trends by continuously updating my skills and knowledge with the latest technologies.

Technical Skills

- Programming Languages: C#, PowerShell, Python, TypeScript, SQL, Kusto, JavaScript, and more.
- Frameworks: .Net, Node.js, React, and Entity Framework.
- Databases and storage: SQL, NoSQL, Data Lake, Redis, Blob, and more.
- Tools & Technologies: generative, conversational, and analysis AI, machine learning, Power BI, Data Factory, no-code development, and more.
- Cloud Services: Azure.
- Network technologies and protocols
- SDL: Scrum, Agile, DevOps, requirement building, systems and solutions architecture, systems design, documentation, and threat modeling.

Soft Skills

- Project management
- Problem-solving
- Communication
- Organizational skills
- Attention to detail
- Initiative
- Adaptability
- Leadership
- Analytical skills
- Security awareness
- Accountability
- Innovation
- Regulatory awareness

Professional Experience

Software Engineer II – Microsoft

2019 – 2025, Redmond, WA

As an Engineer at the Cloud & AI group at Microsoft, I owned and drove features end-to-end, from business requirements, architecture, design, development, to maintenance of secure, high-throughput enterprise cloud applications. I leveraged Azure cloud infrastructure, DevOps practices, continuous integration and deployment, artificial intelligence, and data analytics to deliver global, world-class enterprise software products.

At Microsoft, I delivered global support solutions for consumer and enterprise customer support: communication services, APIs, speech recognition and analytics, cognitive tools, and support metrics, while ensuring customer information privacy.

Software Engineer - Motiv, Inc. (Microsoft Vendor)

2017 – 2019, Redmond, WA

As a full stack Software Engineer, I developed secure, high-throughput, cloud applications at Microsoft's Core Platform Engineering Group. Developed APIs and microservices, identified and mitigated software vulnerabilities, enforced data privacy requirements, security, and compliance, implemented DevOps processes, and hardened resources and applications to meet world-class industry standards.

Software Engineer - Getty Images

2012 – 2017, Seattle, WA

As a full stack Software Engineer, I developed secure, high-throughput, cloud applications at Microsoft's Core Platform Engineering Group. Developed APIs and microservices, identified and mitigated software vulnerabilities, enforced data privacy requirements, security, and compliance, implemented DevOps processes, and hardened resources and applications to meet world-class industry standards.

Software Engineer in Test - iSoftstone Inc.

2007 – 2012, Kirkland, WA

I designed and executed automated tests for web, mobile, and desktop software products for Fortune 100 companies. I developed unit and integration tests for web applications and APIs using automated frameworks and custom scripting. I wrote test plans and test suites, researched, and implemented test automation tools and frameworks. I led and mentored offshore and on-site tester teams.

Education

Bachelor of Science in Electronics Engineering - Universidad del Valle de Guatemala

Certifications

- Solutions Architecture, University of Washington
- Telecommunications, Telcor