

Alejandro Echeverría

aluxit@outlook.com
[linkedin.com/in/cuete](https://www.linkedin.com/in/cuete)

Professional Summary

As a Full Stack Software Engineer with 20 years of experience delivering successful products, my goal is to engineer innovative technical solutions to address complex business challenges. I specialize in leveraging the newest cloud and AI tools to create scalable, secure, resilient, and intelligent systems that drive business growth. I stay ahead of industry trends by continuously updating my skills and knowledge with the latest technological trends and tools.

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, and more.
- Tools & Technologies: generative, conversational, and analysis AI, Power BI, Data Factory, and more.
- Cloud Services: Azure.
- Network technologies and protocols
- Incident management and crisis response.
- 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 organization at Microsoft, I owned and drove end-to-end features, 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. Owned on-call rotations and incident response to critical incidents and outages.

At Microsoft, I delivered global support solutions for consumer and enterprise customer support: communication services, APIs, speech recognition and analytics, cognitive tools, and metric processing and analysis, while ensuring security and 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 Software Engineer, I developed and tested web services and databases handling confidential financial data and the time-sensitive royalty calculation processes. Areas of experience included .Net development, relational databases, message brokers, monitoring and integration platforms, CI/CD, DevOps and Agile methodologies, and on-call engineering support.

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Software Engineer in Test - iSoftstone Inc.

2007 – 2012, Kirkland, WA

I designed and executed automated tests for web, mobile, and desktop software products. 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 testing teams.

iSoftStone is a global IT and business services provider for Fortune 100 technology companies.

Education

Bachelor of Science in Electronics Engineering

- Universidad del Valle de Guatemala

Certifications

- Azure Security Engineer Associate, Microsoft
- Solutions Architecture, University of Washington
- Telecommunications, América Móvil