

Alejandro Echeverria

Engineering and Technical Project Management

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Professional Summary

Proven technology professional with over 18 years of experience delivering innovative technical solutions to address complex business challenges. Skilled in leading high-impact projects with a focus on timely, scoped, and cost-effective delivery. Combines a strong technical engineering background with exceptional organizational and communication skills to drive and execute complex engineering projects from concept to completion. Continuously enhances expertise by staying updated with the latest technological advancements and industry trends.

Skills

- Technical project management: scoping, coordinating workflows, budgeting, and tracking deliverables.
- Analysis, attention to detail, and problem-solving.
- Collaborative and effective cross-team communication, both technical and non-technical.
- Leadership, initiative, motivation, and accountability.
- Adaptability and a mindset focused on continuous learning.
- Security-oriented, with a focus on data privacy and ethics.
- Awareness of regulations.

Technical Skills

- Programming Languages: Proficient in OOP, C#, Python, TypeScript, SQL, PowerShell, JavaScript, among others.
- Proficient in data structures, algorithms, design patterns and fundamentals, as well as performance principles.
- Frameworks expertise includes .Net, Node.js, React, Entity Framework.
- Experience with databases and storage solutions such as SQL, NoSQL, Data Lake, Redis.
- Familiar with security, identity, and authentication practices and protocols (SAML, OAuth2.0, SSO), regulation compliance (GDPR, PII), and threat modeling.
- Proficient in AI and ML generative and analysis models, including PyTorch and TensorFlow, alongside Azure AI.
- Cloud services expertise, particularly with Azure.
- Linux systems administration and internals knowledge.
- Experience with Infrastructure as Code (IAC), containerization, and virtualization.
- Deep understanding of network protocols and tools (TCP/IP, HTTP) and Zero Trust Network security model strategies.
- Skilled in troubleshooting, incident management, escalation, and on-call crisis response.
- Comprehensive understanding of Software Development Lifecycle (SDL), including Scrum, Agile, DevOps, systems and solutions architecture, design, and documentation practices.

Professional Experience

Software Engineer II – Microsoft

2019 – 2025

Redmond, WA

As an Engineer at the Cloud & AI organization at Microsoft, managed and drove the end-to-end development of high-impact, large-scale enterprise cloud applications, encompassing everything from gathering business requirements to maintenance and support. Leveraged strong project management skills to coordinate cross-functional teams, track deliverables, and ensure timely completion of milestones. Leveraging Azure cloud infrastructure, DevOps practices, CICD, AI/ML, and data analytics, delivered global, world-class enterprise

software products. Led threat modeling efforts and implemented zero-trust strategies to secure critical services, while managing incident response to high-priority incidents and outages. Successfully delivered global solutions for consumer and enterprise customer support, including communication services, APIs, ML and AI-driven speech recognition and analytics, cognitive tools, and metric processing and analysis, all while prioritizing security and information privacy.

Software Engineer - Motiv Inc. (Microsoft Vendor)

2017 – 2019

Redmond, WA

As a full stack Software Engineer, 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, 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

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 and Networks, America Movil