Alejandro Echeverria

Senior Software Engineer

aluxit@outlook.com
https://linkedin.com/in/cuete
+1 360.320.4060

Professional Summary

A Full Stack Software Engineer with over 15 years of industry experience, dedicated to developing innovative technical solutions that address complex business challenges. With expertise in the latest cloud technologies and artificial intelligence tools, excels in creating scalable, secure, resilient, and intelligent systems that drive organizational growth. Continuously committed to professional development, he remains at the forefront of industry advancements by actively updating skills and knowledge to incorporate emerging technological trends.

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.

Soft 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.

Professional Experience

Software Engineer II – Microsoft

2019 – 2025

Redmond, WA

As an Engineer within the Cloud & AI organization at Microsoft, was responsible for the development of high-impact, large-scale enterprise cloud applications from initial business requirements through to maintenance and support. Utilized Azure cloud infrastructure, DevOps practices, CI/CD, AI/ML, and data analytics to deliver global, world-class enterprise software products. Conducted threat modeling and implemented zero-trust strategies to secure critical services and managed incident response for high-priority incidents and outages.

At Microsoft, delivered global solutions for consumer and enterprise customer support, including communication services, APIs, machine learning and intelligent automation, 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, 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, CICD, DevOps and Agile methodologies, and on-call engineering support.
Getty Images is the global leader in multimedia and royalty services.

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