Client Name

Software Architect & Tech Lead

Astute technology lead with extensive experience in architecting, developing, and deploying a wide variety of software, big data solutions, and cost-effective technical infrastructure for Microsoft Corporation and other business enterprises by directing remotely operating/on-site software development teams and collaborating with clients and internal stakeholders.

Proficient in designing and delivering a broad spectrum of bug-free and scalable solutions, SaaS cloud offerings, and systems by owning new features from ideation to production. Excel at defining the company's technology roadmap, orchestrating software platform design/deployment, and piloting the execution of quality-driven and high-velocity Agile development practices. Instrumental in driving cross-organization technical initiatives and providing content management/e-commerce solutions. Skilled in prioritizing, managing, and delivering complex, large-scale IT projects by understanding and articulating the business context and technical specifications. Credible history of writing efficient, maintainable unit tests and optimizing business/technology operations by leading teams through technical knowledge sharing and adapting experience gained in unparallel environments.

Areas of Expertise

- Technology Communication
- Remote Team Management
- Software Design & Implementation
- Business Development & Consulting
- Data Governance & Engineering
- Client Relationship Management
- Amazon AWS, Microsoft Azure
- Microservices Architectural Design
- Data Analytics & Business Intelligence
- Project & Program Management
- Data Architecture & Warehousing
- Solution Design & Engineering
- Product Lifecycle Management
- Issue Identification & Resolution
- Cloud Technologies, Clean Design

Technical Skills

Programming Languages: Python / C# / C / C++ / JavaScript / TypeScript

Cloud Technologies: Amazon Web Services (AWS) / Microsoft Azure

Web Development: React / Angular / Serverless / REST APIs / ASP.NET / MVC / HTML / CSS

Microsoft SQL Server / Amazon Aurora / Microsoft SQL Analysis Services

NoSQL / Amazon Dynamo DB / Microsoft Cosmos DB

ETL / ELT / MapReduce / Microsoft Power BI

Agile Development / Scrum Framework / Scrum Master

Build and Deployment Automation / CI/CD tools

Career Experience

Genomic Life   **2022 – Current**
Software Engineering Technical Lead

Lead the software development team for the company's technology platform back-end. Devise the company's technology roadmap with the product team and company stakeholders. Orchestrate the design and deployment of the company's software platform to streamline on-site workflow. Support the development team to create a highly scalable, production-quality technology platform. Mentor the engineering team in executing quality-driven and high-velocity Agile development practices.

- Introduced several processes to evaluate the back-end service results.
- Achieved the company's platform development goals by establishing a high-performing, effective team.
- Drove critical, cross-organization technical initiatives by providing thought leadership.

Retegy, LLC   **2018 –2022**
Technology Director

Steered the planning of an overall strategic roadmap for the company products to accomplish business goals and objectives. Facilitated the execution of the company's business strategy by architecting cost-effective technical infrastructure. Led the

implementation of minimum viable prototypes and further development of the software solutions with the offshore development team. Oversaw vendor's integration of external components of the solution into the overall system architecture.

- Orchestrated the Fintech start-up focused on developing a next-generation advisor/client financial planning and investment management software solution for making the financial planning process more affordable.
- Piloted the design of a financial SaaS cloud offering on the Amazon AWS platform.

American Home & Investment, Inc.   2011 –2018
Technology & Operations Manager

Purchased and scaled a small business serving the high-volume REO market during the height of the recession by leveraging business and technology expertise. Architected, engineered, and deployed a proprietary cloud-based transaction management system to simplify accounting and financial processes. Managed the business intelligence backend for advanced local real estate market analysis. Led a team comprising six to ten staff members to optimize business and technology operations.

- Ranked real estate listings, automating the value-finding process for investors and creating a marketing pipeline to identify and onboard new clients by developing a real estate price analytics software platform.
- Developed REO office with business/operations processes in succession to purchase from the previous owner.
- Negotiated vendor agreements with major banks and asset management companies, being in the top 20 in volume in the state of WA by developing a competitive advantage for processing business volume.

Microsoft Corporation   2008 –2011
Principal Software Design Engineer

Analyzed datasets through Big Data principles and configured, deployed, and tested solutions for improving quality and capability to scale massive amounts of data. Collaborated with internal customers and organized lectures to provide direct solution support. Detected datasets patterns by loading gigabyte-size datasets to Microsoft SQL Server/SQL Analysis Services, Microsoft's data analytics platform. Ascertained project scope, architected solutions, and deployed programming resources in strategic liaison with clients, vendors, and internal teams.

- Led architecture, proof of concept, and initial implementation of the transactional latency and availability pipeline for Bing.com – a petabyte-size, map-reduce-based reliability, and latency analytics solution.
- Organized operational aspects, concurrently recruiting, coaching, and developing a DevOps team for further product enhancement and optimal functionality.
- Elevated result quality and drove double-digit advertisement revenue growth of the Bing.com search engine by scrutinizing and resolving intermittent quality problems.
- Earned promotions for exceptional performances and gained the trust of senior leadership for troubleshooting and resolving complex engineering problems relating to software quality, security, and big data problems.

Additional Experience

Senior Software Design Engineer, Microsoft Corporation

Senior Solutions Architect, UST

Project Manager, Eagle Dynamics/Moscow

Educational Background

M.S. Electronics Engineering, Moscow Aviation Institute (University of Aerospace Technologies)

Licenses & Certification

Microsoft Azure Solutions Architect – Expert (SAE)

Amazon AWS Certified Solutions Architect – Professional (SAP)

Amazon AWS Certified Solutions Architect – Associate (SAA)

Informatica Cloud Data Warehouse & Data Lake Modernization