# Sam Ayoub

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## Professional Summary

Accomplished API Architect and Software Engineering Leader with over 15 years of experience in driving innovation through cloud architecture, API management, and software development. Demonstrated success in directing cross-functional teams, optimizing business processes, and delivering transformative technical solutions. Recognized for strategic vision, exceptional leadership, and a commitment to operational excellence.

## Core Competencies

Leadership & Strategic Planning  
Cloud Architecture & API Solutions  
UI/UX Design & Optimization  
Performance & Scalability Enhancements  
Team Building & Mentorship  
Agile & DevOps Methodologies

## Professional Experience

### First Citizens Bank

Senior Principal Software Engineer - API Architect Lead  
April 2023 – Present - United States

- Directed the architectural transformation for API solutions, enhancing scalability and reliability using AWS and GitLab.

- Led the adoption of a React-based CMS framework, significantly improving content management and offline accessibility.

- Championed a modular approach to UI/UX design, leveraging Atomic Design principles to improve adaptability and user experience.

### Silicon Valley Bank

Senior Principal Software Engineer - API Enterprise Capabilities Architect  
July 2020 – April 2023 - San Diego, California

- Architected and implemented scalable cloud-based API solutions, leading to a 30% reduction in operational downtime.

- Managed cross-functional teams in the design and deployment of API platforms, enhancing both performance and user engagement.

- Introduced multi-specification API rendering, elevating the client experience and improving access to API functionalities.

### Achieve Internet

Senior Lead Engineer  
March 2019 – March 2020 - San Diego Area

- Developed and implemented comprehensive cloud security strategies, ensuring regulatory compliance across multi-tenant environments.

- Led cloud infrastructure initiatives on AWS, GCP, and Azure, streamlining CI/CD processes and enhancing system performance.

### Aira

Senior Software Engineer  
May 2017 – December 2018 - San Diego, California

- Orchestrated automation of development life-cycles using tools like Travis, Jenkins, and CircleCI.

- Educated Marketing and Sales teams on SEO best practices, resulting in a 20% increase in website traffic.

### Outsell, Inc.

Senior Lead Developer  
December 2015 – April 2018 - Burlingame, CA

- Directed global teams in the development of the Outsell OSdata platform, facilitating real-time data access for 10M+ companies.

- Designed and deployed Outsell SSO solutions, enhancing data security and simplifying user access.

### VirginFields TX

Information Technology Manager  
September 2012 – December 2014 - Dallas, Texas

- Oversaw IT operations, infrastructure, and data security for the organization, ensuring optimal system availability.

### New York Institute of Technology

IT Technical Support & Web  
January 2010 – March 2012 - Jordan

- Provided technical support and web solutions to faculty and students, improving the campus IT infrastructure.

## Education

Keller Graduate School of Management, DeVry University  
Master's in Business Administration, Management | 2014  
  
New York Institute of Technology  
Bachelor's in Computer Science | 2012

## Certifications

Elastic Cloud Infrastructure: Scaling and Automation  
Meta Front-End Developer  
API Development on Google Cloud's Apigee API Platform (with Honors)  
AWS Fundamentals: Building Serverless Applications

## Publications & Honors

Financial Analyst Study  
2015 Global Training Days Award

## Languages

Arabic (Native)  
English (Professional)