Mutaaf Aziz

Engineering Director · 3× CTO · Disney+ · Amazon · AWS Certified

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EXECUTIVE SUMMARY

Engineering leader with 15+ years of progressive experience scaling software organizations at Fortune 500 companies and early-stage startups. Presently Senior Manager, Software Engineering at Disney directing consumer experience engineering for Disney+ and ESPN+ across web, mobile, and TV platforms. Former Amazon SDM building autonomous Last Mile delivery systems using IoT, AI/ML, and Computer Vision. 3× startup CTO with direct board-level reporting. Proven ability to build, scale, and retain high-performing engineering organizations (150+ hires) while delivering complex, high-traffic products. Seeking Director / VP / CTO roles at organizations where engineering drives competitive advantage.

CORE COMPETENCIES

- Engineering Org Scaling (150+ hires)
- P&L / Budget Ownership
- Consumer Platform Architecture
- AI/ML & Computer Vision Systems
- IoT & Connected Device Platforms
- Cloud: AWS (Certified) · Azure · GCP
- Digital Transformation Leadership
- DevSecOps · CI/CD · Containerization
- Agile/Scrum · PMP Certified
- Mobile: iOS · Android (100+ apps published)
- Full Stack: React · Node · Python · C# · .NET
- Startup Zero-to-One (CTO × 3)

PROFESSIONAL EXPERIENCE

Senior Manager, Software Engineering · Walt Disney Company — Dallas, TX | 2022 – Present

Technical leader on the Consumer Experience (CX) team — the organization responsible for the end-to-end Disney+ and ESPN+ streaming experience across web, mobile, and TV devices. Report to VP Engineering; oversee engineering managers and senior engineers across multiple product pods.

- Direct and control activities of engineers and managers responsible for designing, developing, and deploying functionality across Disney+ and ESPN+ on web, mobile (iOS/Android), and TV platforms serving millions of subscribers globally.
- Conduct ongoing assessment of engineering needs and deploy resources to meet objectives, schedules, and budgets at the highest levels of quality — maintaining platform uptime SLAs for live sports and streaming events.
- Partner cross-functionally with executives spanning strategy, technology, and operations to assess organizational capabilities and translate recommendations into executable engineering roadmaps.
- Develop operational policies and procedures ensuring competitive advantage in requirements gathering, design, development, testing, and deployment of software solutions.
- **Technology:** ReactJS, NodeJS, Python, C#, .NET Core, SQL, iOS, Android, Angular, AWS, Jira

Senior Manager, Software Engineering · Amazon — Dallas, TX | 2021 – 2022

Technical leader on the Last Mile team — engineering the systems that move packages from delivery stations to customer doorsteps. Owned software engineering across all work streams, combining IoT, real-time data streams, and AI/ML to deliver global fleet management solutions.

- Led engineering teams building globally connected fleet solutions integrating IoT sensors, embedded devices, wearables, and robotics with real-time video/telematics/location data streams.
- Architected and delivered automotive-based geospatial solutions using ML models and algorithms that improved delivery speed and confidence for millions of daily deliveries.
- Owned cross-functional engineering relationships with hardware, science, and product management teams — balancing priorities and driving product lifecycle from ideation to production.
- **Technology:** ReactJS, NodeJS, Python, C#, .NET Core, iOS, Android, Salesforce Cloud, MQTT, AI/ML, Computer Vision

Senior Manager, Software Engineering · Avigilon (Motorola Solutions) — Dallas, TX | 2018 – 2021

Led software engineering at an AI-powered physical security company acquired by Motorola Solutions. Owned roadmap, delivery, and team performance for Computer Vision and IoT security platforms.

- Drove Digital Transformation using CI/CD, Containerization, and DevSecOps — modernizing the platform engineering organization and reducing deployment cycle times.
- Directed engineers building real-time AI/ML and Computer Vision systems powered by Nvidia Jetson embedded hardware, enabling intelligent surveillance and anomaly detection.
- Built and managed cross-functional engineering teams with global stakeholders; owned goal-setting, performance appraisals, and talent development pipeline.
- **Technology:** ReactJS, NodeJS, C#, Azure IoT Hub, .NET Core, Salesforce Cloud, MQTT, AI/ML, Computer Vision (Nvidia Jetson), Azure DevOps, Azure Digital Twins

Principal Consultant, Sr. Solutions Architect · Gigya / SAP — Mountain View, CA | 2018

Promoted from Sr. Technical Consultant after leading high-profile enterprise client engagements and generating multi-million dollar consulting opportunities.

- Delivered world-class post-sales architecture, implementation, and consulting for enterprise customers across CIAM, identity federation, and digital transformation workstreams.
- Designed and implemented ETL pipelines, user migration strategies, and client-side/server-side integrations across web, mobile, and IoT digital properties.
- **Technology:** Angular, NodeJS, .NET Core, C#, RabbitMQ, AWS, SAP Hybris, SAP CDC, Salesforce Cloud, Xamarin iOS/Android

Manager, Sr. Software Engineer · CompassPHS — Dallas, TX | 2014 – 2018

Joined as Sr. Software Engineer; promoted through management based on strong technical and team leadership performance. Managed 12+ distributed global employees.

- **Increased profit $3M** by leveraging cloud and mobility solutions — eliminating legacy infrastructure and enabling remote workforce operations.
- Reduced annual software/hardware purchasing costs 10% through strategic vendor negotiation and platform consolidation.
- Led globalization of services via microservices and event-driven architecture; implemented Agile, Scrum, and DevOps standards across the engineering org.
- **Technology:** AngularJS, NodeJS, ASP.NET, C#, RabbitMQ, SQL, Xamarin iOS/Android/Forms, AWS

Manager, Sr. Mobile Application Engineer · Citi — Irving, TX | 2014

- Managed 40 regional developer teams for Citi's iOS and Android mobile banking applications. Launched 2 new features + full UI redesign achieving 80% adoption rate.

Lead Software Engineer · Ambit Energy — Dallas, TX | 2012 – 2014

- Led migration of all legacy apps to modern architecture; introduced Agile/Kanban. Built microservices and event-driven architecture for marketing and field operations platform.

ENTREPRENEURIAL EXPERIENCE

CTO & Co-Founder · Overwatch Digital Health 2019 – 2020

Reported directly to CEO. Owned all software development, infrastructure, R&D, testing, data center operations, and L2/L3 support for a digital health platform.

CTO & Co-Founder · ProVilla 2014 – 2022

8-year venture building mobile and web real estate applications using Xamarin, C#, .NET, AngularJS, and NodeJS.

CTO · Skrible Inc 2016 – 2017

Enterprise web application platform. Full-stack: C#, Bootstrap, MongoDB, SQL Server, .NET, AngularJS, NodeJS.

EDUCATION & CREDENTIALS

Bachelor of Science, Computer Science
University of Texas at Arlington

Certifications & Awards

- AWS Solutions Architect – Professional (AWS-PSA-3027)
- Project Management Professional (PMP)
- Published 100+ iOS & Android Applications