

Joshua M. Zone

Atlanta, GA | 725.266.1049 | jzone1229@gmail.com | zonejm.dev | linkedin.com/in/zonejm

Principal Architect with 10+ years of experience leading technical strategy, architecting scalable systems, and driving high-impact engineering teams. Expertise in Full Stack Engineering, API Architecture, real-time data solutions, and distributed systems. Skilled in defining engineering best practices, optimizing development processes, and aligning technical roadmaps with business goals. Experienced in mentoring teams, fostering innovation, and leading cross-functional collaboration to deliver high-performance applications. Seeking a remote leadership role to drive architectural excellence and scale engineering capabilities.

Key Skills & Technologies

- **Enterprise Architecture & System Design** – Defining scalable and resilient architectures for large-scale applications.
- **API Strategy & Governance** – Leading API-first design for security, scalability, and integration.
- **Real-Time Data & Event-Driven Systems** – Architecting high-availability real-time data pipelines and event-driven architectures.
- **Cloud-Native & Microservices** – Designing cloud-native applications with microservices, containerization, and orchestration (AWS, Azure, GCP).
- **Data-Driven Platforms** – Building interactive dashboards integrating real-time analytics.
- **Technical Leadership & Strategy** – Aligning engineering vision with business goals, defining best practices, and driving technical roadmaps.
- **Cross-Functional Team Leadership** – Collaborating with engineering, product, and business teams to align development with strategic initiatives.
- **Mentorship & Growth** – Developing engineering talent, fostering innovation, and improving team retention.

PROFESSIONAL EXPERIENCE

Architectural Leadership & Cloud Strategy

Director of Engineering - QL2 | Mar 2024 - Mar 2025

Technical Skills: Go, PostgreSQL, Influx, Java, Kafka, Kubernetes, Docker

- **Architected and scaled** high-performance distributed systems, ensuring reliability and efficiency across multiple product lines.
- **Led a global, cross-functional team** of 25+ engineers, driving collaboration between product, design, and QA to deliver scalable solutions within strict timelines.
- **Defined and executed the long-term technical vision**, aligning architectural decisions with business goals and growth strategies.

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- **Established incident management processes**, reducing mean time to recovery (MTTR) and improving system resilience.
- **Implemented engineering best practices** and coding standards, reducing technical debt and increasing development efficiency across teams.
- **Optimized cloud infrastructure and containerized deployments** using Kubernetes and Docker, improving system scalability and operational efficiency.

Software Engineering Manager - Tealbook | Mar 2023 - Mar 2024

Technical Skills: Javascript/Typescript, React, HTML, CSS, Git, Go, PostgreSQL

- **Architected and led the development** of a new product from the ground up, translating product specs into a scalable and maintainable solution.
- **Designed and optimized frontend and backend architecture**, ensuring seamless integration and system performance.
- **Improved collaboration** between software engineering and product teams, streamlining workflows and enhancing delivery timelines.
- **Established engineering best practices** for frontend and backend development, improving code quality and system reliability.
- **Mentored and coached engineers**, fostering career growth, increasing team satisfaction, and enhancing overall team performance.

Lead Software Engineer - Nathan James | May 2020 - Nov 2021 & May 2022 - Nov 2022

Technical Skills: Javascript/Typescript, Vue, HTML, CSS, PHP/Laravel

- Spearheaded the design and implementation of a **cloud-based Warehouse Management System**, optimizing inventory and logistics operations.
- Integrated **real-time barcode scanning** functionality with camera hardware to streamline data capture and processing.
- Developed a robust **API-driven ERP system**, automating invoicing and improving operational efficiency across departments.
- Led a small team of engineers, ensuring **on-time project deliveries** while enforcing coding standards and best practices to maintain high-quality code.

Lead Software Engineer - PriceSpider | Jan 2019 - May 2020

Technical Skills: Javascript/Typescript, React, HTML, CSS, Git, PHP/Laravel, MySQL

- Led a team to enhance and maintain **15 microservices**, ensuring scalability and performance.
- Architected a **React-based SDK**, streamlining integration and reducing client-side development time.
- Collaborated on designing and implementing multiple **C# APIs/Services** to improve data flow.

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- Migrated real-time traffic data to a **RabbitMQ** queue-based system, optimizing processing efficiency.
- Led the **AWS cloud migration**, boosting system scalability and resilience.
- Mentored junior developers and conducted **code reviews** to maintain high-quality standards.
- Partnered with **Leadership** to align engineering efforts with business goals and meet project deadlines.

System Design & Full Stack Development

Senior Software Engineer - SigFig | Nov 2022 - Mar 2023

- Contributed to product feature development and application restructuring for scalability

Senior Software Engineer - PlayVS | Nov 2021 - May 2022

- Improved system performance by 25% and enhanced user engagement with new features.

Frontend Web Developer - Cognizant | Sep 2018 - Jan 2019

- Developed consumer-facing applications, focusing on UX and API integration.

Frontend Web Developer - Reflex Media | Jun 2017 - Sep 2018

- Led UI rebuild with React and React Native, ensuring cross-platform consistency.

Early Career & Core Development Skills

Web Application Developer - Vegas.com | Oct 2016 - Jun 2017

- Migrated a legacy Java UI to React, boosting performance and UX.
- Implemented A/B testing to enhance product features.

Web Application Consultant - Virtusa|Polaris | Jun 2014 - Oct 2016

- Contributed to a real-time trading platform for Morgan Stanley, specializing in AngularJS.
- Migrated a legacy MS Access application to the Web to improve Loan Officer performance.