

Zia Ur Rehman

ziageo53@gmail.com | (571) 451-4885 | Aldie, VA | [LinkedIn](#)

SUMMARY

Engineering Manager with 10+ years of experience leading distributed teams of 15+ engineers, delivering cloud-native platforms and high-scale APIs.

Proven track record in **microservices architecture, AWS infrastructure, and large-scale API platforms**, reducing system latency by up to 50% and improving overall reliability.

Hands-on leader with expertise in **system architecture, API design, event-driven systems, and technical strategy**, while mentoring engineers, scaling teams, and driving cross-functional execution.

Specialized in **healthcare technology and regulated environments**, building secure, compliant, and high-performance software systems that serve critical business and public sector use cases.

TECHNICAL SKILLS

Leadership: Engineering Management, Team Building, Hiring and Interviewing, Mentorship, Performance Management, Cross-Functional Leadership, Technical Strategy, Agile/Scrum Leadership

Architecture and Practices: Microservices Architecture, Distributed Systems, API Design, Event Driven Systems, System Performance Optimization

Cloud and Infrastructure: AWS (EC2, ECS, Lambda, SQS, SNS, S3, Route53), Terraform, Docker, CI/CD (GitLab, Jenkins, AWS CodePipeline)

Languages: PHP, Java, Python, JavaScript, TypeScript

Frameworks: Laravel, Spring Boot, React, Node.js, Vue, Nuxt

Databases: MySQL, MongoDB, Redis, DynamoDB, Elasticsearch

PROFESSIONAL EXPERIENCE

Software Engineering Manager - Saferide Health – Remote (2023 – Present)

- Lead and mentor a distributed engineering team of 15 engineers, enabling continuous delivery and strong engineering productivity across multiple time zones.
- Define engineering roadmap and system architecture for the transition from a monolithic backend to scalable cloud-native microservices on AWS using Terraform and containerized services.
- Architect event-driven queuing systems and optimize database queries, reducing API latency by approximately 40 to 50 percent across critical services.

- Design and deploy scalable REST APIs supporting **interactive voice response (IVR) systems**, partner integrations, and healthcare transportation platforms used in production environments.
- Collaborate closely with product, operations, and security teams to deliver secure and compliant healthcare systems.
- Conduct regular one-on-one mentoring sessions, remove technical blockers, and support career growth of engineers.
- Participate in technical hiring and interviewing to scale the engineering team while maintaining a strong technical bar.
- Drive engineering standards, architecture reviews, and code quality practices to ensure maintainable and reliable systems.

Lead Full Stack Software Engineer - Saferide Health – Remote (2022 – 2023)

- Led migration of legacy systems to cloud-native microservices architecture using AWS services including Lambda, SQS, and ECS.
- Designed scalable backend APIs and services to support new product capabilities and integrations.
- Conducted code reviews and introduced engineering standards to improve maintainability and development velocity.
- Collaborated with product managers, designers, and data teams to deliver scalable platform improvements.

Lead Full Stack Developer - Lowers Risk Group – Purcellville, VA (2019 – 2022)

- Enhanced enterprise platforms using Phalcon, Slim, and Nuxt with a focus on performance optimization and feature development.
- Refactored legacy backend services and migrated APIs to Spring Boot to improve scalability and system performance.
- Managed CI/CD pipelines and deployments across staging, sandbox, and production environments.
- Participated in on-call rotations and production incident resolution for enterprise systems.

PHP Developer Guidance Residential – Reston, VA (2015 – 2019)

- Maintained and enhanced high-traffic web applications using the Laravel framework.
- Integrated third-party APIs and financial systems to expand platform capabilities.
- Provided enterprise application support and issue resolution using Jira and cross-team collaboration.

EDUCATION

Bachelor of Science in Computer Science - Iqra University – Islamabad, Pakistan

- Winner, Speed Programming Competition