

FARAN ALI

Software Architect | Technical Team Lead | TypeScript, React, Node.js

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[Portfolio](#) • [LinkedIn](#) • [GitHub](#)

SUMMARY

Software architect and technical team lead with 8 years in the TypeScript/JavaScript ecosystem, across React and Vue on the front end and Node.js/Nest.js on the back end. My specialty is legacy modernization: taking platforms that have become expensive to change and rebuilding them faster, with measured results of 40-65% across load time, processing time and throughput, on products serving 500,000+ users. Led a team of 5 engineers for 5 years while writing code most days: workload planning, code reviews, performance evaluations, mentoring, hiring and onboarding. Deep in event-driven architecture (Kafka, SQS/SNS), AWS serverless, and real-time systems. AI-assisted engineering is core to how I work: Claude Code and Copilot daily, plus code-graph tooling and automated review passes I built for my current team.

CORE SKILLS

Frontend: React, TypeScript, Next.js, Vue.js, Angular; component architecture, state management, performance optimization, SPA, PWA, Micro Frontends, Module Federation

Backend: Node.js, Nest.js, Express, REST APIs, microservices, multi-tenant SaaS

Distributed Systems / Event Streaming: Kafka, SQS/SNS, Redis, Socket.io, MQTT

Cloud / DevOps: AWS (Lambda, SAM, API Gateway, SQS/SNS, DynamoDB, RDS, CloudFront, Step Functions), Docker, Terraform, CI/CD, CloudWatch monitoring and alerting

Databases: PostgreSQL, MySQL, MongoDB, Elasticsearch

Quality: test-driven development, unit/integration/end-to-end coverage, code review culture

AI Dev Workflow: Claude Code and GitHub Copilot daily; agentic coding, automated code review, AI-built internal tooling

EXPERIENCE

Software Architect / Technical Team Lead at Systems Limited

Oct 2019 - Present. Enterprise IT services firm; client engagements below.

Tenovos - Technical Team Lead / Architect

2019 - 2024 | TypeScript, Vue.js, Node.js, Nest.js, AWS SAM, Lambda, Next.js, Kafka

Led 5 engineers for 5 years building a multi-tenant digital asset management platform on microservices, while shipping product most weeks: workload planning, code reviews, performance evaluations, mentoring, hiring and onboarding.

Owned the Vue.js/TypeScript SPA and the service architecture end to end.

Designed the Kafka-based event system that replaced point-to-point integrations when processing became the ceiling: 65% faster processing, 3x growth absorbed without a rewrite.

RakBank - Software Architect / Frontend Lead

2024 - Present | React, TypeScript, Java

Architected the redesign and migration of a 6-year-old legacy banking platform to React and TypeScript: 40% faster load times, modernized UX for 500,000+ customers.

Built AI-assisted engineering workflows for the team (Claude Code based code-graph tooling, automated review passes).

Canada Goose - Frontend Architect

2024 | Salesforce Commerce Cloud, React, PWA

Designed and delivered a PWA replacing a legacy Salesforce storefront: 50% faster page loads, Core Web Vitals compliant, higher conversion.

Earlier engagements

2019

Auxo: real-time IoT vehicle tracking (AWS, MERN, MQTT, Socket.io) for 5,000+ vehicles; cut data consumption 30% through optimized MQTT.

Senior Software Engineer / Team Lead at PureLogics

Mar 2019 - Oct 2019

Local Reviews (Angular, Node.js, PostgreSQL, AWS): first team lead role. Led delivery of a review-aggregation platform integrating Google, Facebook and Yelp APIs; built the CI/CD and optimized the schema for 1M+ reviews.

Senior Software Engineer at Optima Geeks

Nov 2017 - Mar 2019

Best Deals Asia (Angular, Node.js, Elasticsearch, Redis, MongoDB): property booking with Elasticsearch behind recommendations; 1,000+ daily bookings, 60% faster responses.

Print Moz (Angular, Node.js, Socket.io, Redis, MongoDB): migrated a legacy PHP application to Angular and Node with real-time collaborative editing. First legacy migration, and it became the specialty.

Car Serv (Angular, Ruby on Rails, PostgreSQL): automotive maintenance system with VIN-based parts ordering; dashboards for 10,000+ vehicles.

EDUCATION

BCS, Software Engineering - Virtual University, Lahore | 2013 - 2017