

SANGEETH KUMAR MOHAN

Senior Software Engineer (Full Stack)

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SUMMARY

Senior Software Engineer (Full Stack) with 14+ years of experience leading the design and delivery of scalable, user-facing web applications across telecom, healthcare, and financial domains. Strong expertise in **React (TypeScript), Angular, and Node.js**, building end-to-end systems from UI to backend services on AWS. Proven track record delivering high-performance authentication and user workflows for **1M+ users**, improving latency, reliability, and developer productivity.

EXPERIENCE

Senior Software Engineer (Full Stack) - Lead

T-Mobile | Concentrix Catalyst | Jan 2024 – Present

- Led development of **end-to-end authentication workflows** (login, OTP, onboarding) using Angular (TypeScript) and Node.js, supporting **1M+ daily users** across web and partner platforms
- Built **Angular UI flows using reactive forms** with validation, error handling, and secure user interactions, integrated with backend APIs via a **BFF layer**
- Delivered features within a **micro-frontend architecture backed by a BFF layer**, leveraging shared libraries for IAM, token validation, and API orchestration
- Designed and optimized **BFF-driven REST APIs**, reducing **end-to-end latency by ~40%** through request consolidation, elimination of redundant IAM calls
- Implemented **Redis (TTL-based) caching for OTP/session state**, reducing repeated database/IAM lookups and improving response times under high traffic
- Built secure authentication flows using **OAuth 2.0, JWT, MFA, and AWS Cognito**, including token generation, validation, and refresh handling
- Influenced architecture across API Gateway, Lambda, DynamoDB, and Kubernetes (EKS/AKS) and improved observability using Splunk and OpenTelemetry
- Established **API standards (REST, idempotency, validation)** and contributed to CI/CD pipelines while working in **Agile/Scrum** environments, improving delivery consistency and team productivity

Lead Software Engineer

Sempra Energy | Concentrix Catalyst | Feb 2023 – Dec 2023

- Led development of **end-to-end customer engagement workflows** using React, Node.js, and Apigee, improving user experience and operational efficiency
- Converted manual processes into **automated, API-driven flows**, reducing manual effort and improving system consistency
- Developed **React UI components with backend API integration**, using **RabbitMQ-based event-driven architecture** to decouple services and ensure scalable, high-throughput processing
- Strengthened **CI/CD pipelines (Buildkite, ArgoCD)** and deployment workflows, improving release reliability and reducing deployment issues

Senior Software Engineer

Kaiser Permanente | Concentrix Catalyst | Sep 2019 – Feb 2023

- Built **React-based UI components with strong focus on accessibility (WCAG/ADA compliance)**, improving usability across patient-facing applications
- Built and integrated **Node.js and Java (Spring Boot) backend services** for scheduling, payments, and check-in workflows, enhancing patient experience and reducing in-clinic wait times
- Implemented **unit and integration testing (Jest, Cypress)**, improving code quality and reducing regression issues
- **Mentored junior engineers** on React best practices and component architecture, and collaborated cross-functionally with product and design teams to align on feature requirements and delivery timelines.

Software Developer

Bank of the West | Jan 2018 – Aug 2019

- Developed **Node.js REST APIs and PL/SQL services** for international wire transfers and real-time financial transactions
- Optimized API performance by ~60% using **caching strategies (node-cache)** to reduce repeated calls to Oracle DB and FlexCube payment engine
- Designed and integrated **REST/SOAP services** for transaction processing and exchange rate workflows across financial systems
- Ensured **data accuracy, transactional integrity, and secure processing** in high-volume banking systems

Software Developer

Visa Inc. | Dec 2016 – Nov 2017

- Built a **full-stack security dashboard** using React and backend services to aggregate vulnerability data from Fortify and Checkmarx
- Designed APIs and UI integrations to provide **real-time visibility into security metrics and vulnerability status**
- Improved engineering productivity by enabling centralized monitoring and reporting of security issues across teams
- Led a **POC migration from monolith to Python/Django service layer**, improving modularity and maintainability

Software Developer

Apple Inc. | Feb 2016 – Oct 2016

- Re-engineered **high-throughput backend systems** using Python multiprocessing and multithreading, improving performance by up to 50%
- Optimized data processing pipelines to handle **peak traffic loads reliably and efficiently**

Staff Consultant

Citi Private Group | Oracle | Oct 2009 – Aug 2015

- Developed and maintained **enterprise full-stack advisory and reporting systems** using Java, Spring, and JavaScript
- Automated investment workflows and reporting processes, improving efficiency for private banking operations
- Built scalable backend services and UI components supporting **financial analytics and portfolio management systems**
- Integrated enterprise systems and improved data workflows across scheduling and automation platforms

TECHNICAL SKILLS

Frontend: React, Angular 16+, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, Next.js, Vite

Backend: Node.js, Express.js, REST APIs, Microservices, GraphQL, Java Spring Boot

Cloud & Infra: AWS (Lambda, API Gateway, DynamoDB, S3), Docker, Azure Kubernetes

Authentication: OAuth 2.0, JWT, MFA, AWS Cognito, RBAC

Databases & Cache: PostgreSQL, DynamoDB, MongoDB, Redis

CI/CD & DevOps: Buildkite, ArgoCD, Git, CI/CD pipelines

Observability: Splunk, Prometheus, Grafana, OpenTelemetry

CERTIFICATIONS

ServiceNow Micro-Certification - 2026

ServiceNow Administration - 2026

EDUCATION

MBA, Management Information Systems, May 2017 — Lincoln University, Oakland, CA

MBA, Financial Management, May 2013 — Anna University, Chennai

B.Tech, Information Technology, May 2009 — Anna University, Chennai