

# SANGEETH KUMAR MOHAN

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## SUMMARY

Experienced Senior Lead Software Engineer with a 12-year track record in developing applications using React, JavaScript, Node.js, Express.js, Angular and REST API, leveraging Redis, AWS DynamoDB, Kubernetes within Agile frameworks such as Scrum. Have worked with various domains including telecommunications, healthcare, energy, financial services, where I am known for my ability to lead and collaborate with cross-functional teams to deliver solutions.

## WORK EXPERIENCE

### T-Mobile/ Concentrix Catalyst – Senior Lead Software Engineer

Dec 2023 – Present

- Actively engaged with business team to gather requirements, aligning them with the product roadmap and ensuring the project meets the goals.
- Directed the integration of API to securely link non-T-Mobile (Fiber) customer phone number with T-Mobile profiles, significantly improve user experience through reliable two-factor authentication and password resets.
- Developed and implemented a new onboarding process for T-Mobile Client IDs, enhancing login and error page functionality through strategic DynamoDB configurations and API updates.
- Created API documentation using swagger and led the collaborative implementation of OTP generate/verification API client in IAM cloud.

### Concentrix Catalyst – Senior Lead Software Engineer

Mar 2023 – Nov 2023

- Led the design and execution of an advanced user Management platform for enterprise wellness programs, to large organization like LAPD and NHS to enable efficient management of admin/non-admin users, licenses and job roles, significantly improving the tracking of individual profiles and organizational compliance.
- Led the creation of template based Bulk upload feature, optimizing the handling of large user datasets in CSV format and implanting data validation processes to ensure integrity and compliance.
- Coordinated to development of a BI dashboard using cube.js, designed to monitor wellness factors, identify trends, find critical gaps of the workforce.
- Worked with clients for requirements, documenting the business process models and workflows to align the business goals.
- Led the user research and wireframe development, collaborating closely with UI/UX designers to refine product features.

### QuidelOrtho/ Concentrix Catalyst – Senior Lead Software Engineer

Jan 2023 – Mar 2023

- Coordinated with architecture and business teams, lead the development in decoding and digitalizing the antigram algorithm, a process previously done manually.
- Worked with development team's transition to React testing library, address technical debts and future refinements.

### Sempra Energy/ Concentrix Catalyst – Lead Software Engineer

Mar 2022 – Nov 2022

- Led the transformation of ergonomics assessment manual process to application-driven approach to significantly increase efficiency and accuracy.
- Developed user and admin modules featuring access controls and integrated the email service using Node.js to share the assessments.
- Collaborated with BFF team to implement AWS Lambda API flow, optimizing app's scalability and responsiveness. Established a status flow for assessments, streamline management and tracking to enhance overall assessment lifecycle.

### Kaiser Permanente/ Concentrix Catalyst – Software Engineer II

Sep 2019 – Mar 2022

- Developed a customer-facing appointment management system incorporating advanced payment processing and eArrival functionalities. Integrated APIGEE and Node webservices for automated notification and reminders enhancing customer engagement and operational efficiency.
- Led the re-engineering of payment processing system to improve transaction security and processing speed. Integrated accessibility to ensure inclusivity and compliance with web accessibility standards.
- Expertise in CI/CD methodologies, leveraging Azure and Kubernetes to streamline deployment process, reduce downtime and enhance testing.

### Bank of the West/ VBS – Software Developer

Jan 2018 – Aug 2019

- Developed a customer facing payment application incorporating International FED transfers and dynamic reports generation. Integrated Wall Street APIs to facilitate direct payments and cross-currency transfers, enhancing the platform's financial transaction efficiency and user experience.
- Integrated middleware solutions Enterprise service bus with wall street web services using SOAPUI and RESTFUL API to fetch cross-currency exchange rate and implement the dependent functionalities ensuring accurate and real-time financial data processing.

### Visa Inc./ Tekforce corp. – Software Developer

Dec 2016 – Nov 2017

- Developed an advanced information security single-page web application, incorporating material design UI.
- The application centralizes security findings by integrating with Fortify and Checkmarx processes.
- Worked on a POC to transition this application to Python, Django ORM stack.

### Apple Inc./ Tekforce corp – Software Developer

Feb 2016 – Oct 2016

- Re-engineered the campaign portal by incorporating Python multithreading techniques to manage request asynchronously to optimize portal's responsiveness under heavy load conditions to meet business models.
- Designed and executed manual test cases to assess portal's functionality, ensuring reliability across all features and user interactions.

### Citi Private Group/ Oracle – Staff Consultant

Oct 2009 – Aug 2015

- Developed and maintained customer-facing application including advice generations and reporting systems, directly supporting the productivity of Citi private bankers with advices and confirmations. Optimized reporting features across multiple templates, enhancing report generation efficiency using PLSQL and data warehousing using Ab-initio, by integration crystal reports and ISIS papyrus tools.
- Implemented innovative barcode functionality to streamline the identification and processing of documents to eliminate manual entry errors. Automated routine tasks through the development of Autosys and Tivoli shell scripts in time saving system operations.

## SKILLS

**Technologies:** React, JavaScript, Node.js, HTML5, Redux, Context API, CSS3, SASS, ES6, JSON, SQL, PLSQL, Core-UI, AWS DynamoDB

**DevOps & collaboration tools:** Kubernetes for Azure services, Splunk, Dynatrace, Docker, GIT, JIRA, Autosys, Tivoli

**Data Integration & Reporting:** Ab-Initio, ISIS Papyrus, O2MS Reporting server.

## EDUCATION

Lincoln University, Oakland, 05/2017

**MBA**, Management Information Systems – 3.6/4 GPA

Anna University, Chennai, 05/2013

**MBA**, Financial Management Systems – 72%

Anna University, Chennai, 05/2009

**B.Tech.**, Information Technology – 78%