

Full-Stack Developer with 6 years of experience, including 2.5 years in the UK, in developing and deploying high-performance, scalable enterprise applications. Proficient in event-driven, microservices, and micro-frontend architectures, and applying rigorous testing methods to ensure robust solution delivery. Skilled in cloud security and monitoring on Azure and AWS.

## Technical skills

- JavaScript/ NodeJS, TypeScript, SQL, Rest API, GraphQL, Git, CI/CD, YAML, HTML, CSS, Python
- Express JS, Next JS, PostgreSQL, JUnit, React, Redux, RTL & Jest, Kafka, Redis, Docker, Jenkins, Sonar, Azure, AWS
- Microservices, Distributed systems, Micro frontends, Application and Infrastructure security, Agile SDLC

## Work experience

### Senior Engineer - Product and Platform Engineering

**Feb 2025 - Present***Intuit via Altimetrik**Bangalore, India*

- Working with teams across payroll, tax, and accounting to understand the legacy system and build a data pipeline that migrates end-user data to the cloud, making the transition easier and improving the experience on the new system.

### Specialist Programmer L2

**Jan 2023 - Feb 2025***BP via Infosys**London, UK*

- Developing a Digital Vaulting product, focusing on user-friendly access, auditing, and governance of sensitive data.
- Collaborated closely with product owners and developers to lead the re-architecture of the existing system.
- Achieved a 100% mitigation of long-running timeout issues through the adoption of Azure Durable Functions.
- Streamlined development processes by migrating to a mono-repo, reducing complexity and deployment times by 40%.
- Designed a Backend-for-Frontend to securely store user access and refresh tokens, mitigating the risk of XSS attacks.
- Automated CI/CD workflows using PR and merge triggers, enhancing operational efficiency by 20%, and integrated security scanning tools to proactively address vulnerabilities across the system.
- Implemented monitoring and utilization metrics, enabling efficient scaling of systems and databases, resulting in a 66% reduction in yearly cloud billing costs.

### Specialist Programmer L1

**July 2022 - Dec 2023***BP via Infosys**London, UK*

- Developed a real-time computer vision and edge computing-based customer analytics tool for a major UK retail chain.
- Designed a distributed system mapping each instance to a zone within a retail store, enabling parallel transmission of real-time data and overcoming the 512kb/s data transfer limit on MQTT.
- Built REST APIs using Python & Fast API on AWS Lambda, API Gateway, DynamoDB to fetch the ingested data from S3.
- Architected a real-time visualization frontend application using the WSS protocol and developed a lightweight React component library for creating interactive 2D layouts.

### System Engineer Specialist

**May 2019 - June 2022***Allstate via Infosys**Bangalore, India*

- Designed and developed scalable microservices and RESTful APIs using Java and Spring Boot
- Created numerous maintainable UI widgets and upheld them within the UI core library, facilitating rapid feature implementation for other development team.
- Refactored the code to enhance the code base maintainability and reusability using Sonarqube metrics.
- Responsible for reviewing peers code and improved the overall test case coverage to 95%.
- Actively monitored various microservices using Splunk and Datadog, effectively identifying system bottlenecks and providing optimal solutions to enhance performance.

## Education

### Bachelor of Engineering

**August 2015 - April 2019***Sona College of Technology**Salem, India*

- Major in Computer Science and Engineering with 9.2/10 CGPA.
- Academic Bronze medalist and recipient of the Best Outgoing Student award.