

KEYUR PATEL

📞 732-925-3910

✉ keyurspatel2023@gmail.com

🌐 [linkedin.com/in/keyur-patel](https://www.linkedin.com/in/keyur-patel)

🐙 github.com/keyur-patel-21

Experience

Intuit | USA

Jan 2025 – Present

Software Engineer(Contract)

- Played a key role in migrating a monolithic application to NodeJS based microservices deployed on AWS, improving deployment speed, scalability, and service isolation while supporting blue-green and canary deployments with Kubernetes.
- Designed and implemented REST and GraphQL APIs with pagination, rate limiting, and idempotency, and secured services using JWT, OAuth2, RBAC, and API Gateway, while collaborating on service mesh-based traffic routing.
- Improved database and application performance by optimizing PostgreSQL queries and indexing, implementing Redis caching, and configuring connection pooling, contributing to up to a 60% reduction in response times.
- Built and enhanced CI/CD pipelines using Jenkins and GitHub Actions, integrating automated testing, SonarQube quality checks, and OWASP dependency scans to improve release reliability and security.
- Strengthened system observability by implementing Prometheus metrics and Grafana dashboards with alerting, helping reduce incident response time and improve overall SLA adherence.

Simform | India

Feb 2022 – Aug 2023

Software Engineer

- Designed, developed, and maintained a Client Interview Management System to streamline the interview process for engineering managers, enabling more accurate candidate allocation. This initiative significantly reduced interview scheduling time, enhancing efficiency and improving overall client satisfaction.
- Spearheaded the deployment and integration of a multi-stage CI/CD pipeline, incorporating best practices such as version locking, rollback mechanisms, and automated testing. These improvements reduced the software release cycle time by 37% and significantly decreased production incidents, ensuring smoother and more reliable deployments.
- Optimized system performance by implementing intelligent caching mechanisms using Redis, resulting in a faster response time and more efficient resource utilization. This enhancement greatly improved the user experience and reduced server load.
- Leveraged a tech stack including Ruby on Rails, JavaScript, OAuth, AWS, and Docker to build and maintain scalable, secure, and high-performance applications.

Iview Labs Pvt Ltd. | India

March 2020 – Jan 2022

Software Developer

- Developed and maintained Python-based backend services for analytics and reporting, supporting applications used by 10K+ daily users under senior engineer guidance.
- Assisted in building and optimizing ETL data pipelines for real-time analytics ingestion, helping reduce report generation time by up to 70%.
- Contributed to migrating a legacy frontend to React.js with Redux, improving code maintainability, performance metrics, and overall user experience.
- Helped integrate Stripe and PayPal payment processing by implementing secure APIs and following PCI-DSS compliance guidelines.
- Integrated Stripe PayPal for secure payments, implemented PCI-DSS compliant workflows.
- Implemented basic API security measures including HTTPS enforcement, CORS configuration, and OAuth2-based authentication.

Technical Skills

Programming Languages:	Java, Python, JavaScript (ES6+), TypeScript, Ruby
Backend Frameworks:	Django, Flask, Ruby on Rails, Express.js
Frontend Frameworks:	React.js, Redux, Material UI, Tailwind CSS
Cloud & DevOps:	AWS (EC2, Lambda, RDS, SQS, CloudFormation), Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, GitLab CI/CD
Databases:	PostgreSQL, MySQL, MongoDB, DynamoDB, Redis
AI Tools & LLMs:	GitHub Copilot, ChatGPT, Claude, Cursor, OpenAI API
Messaging & Event Streaming:	Kafka, AWS SNS/SQS

Education

Stevens Institute of Technology

Sep. 2023 – May 2025

Master of Science in Computer Science

Hoboken, NJ

Gujarat Technological University

Sep. 2016 – May 2020

Bachelor of Science in Information Technology

Ahmedabad, India