Keyur Savalia

San Francisco - Open to Relocation contact@keyursavalia.com 415-349-1732 Portfolio ksavalia21 LinkedIn

Availability: Summer (June - August), full-time

Objective

Seeking a Software Engineering Intern role to apply my knowledge of full-stack development using React, TypeScript, Python, SQL and AWS Ecosystem to solve complex problems and contribute to a dynamic team.

Experience

Fullstack Software Development Engineer Intern   *Ahmedabad, India*
Qrious Tech Team LLP   *January 2024 – June 2024*

- Engineered scalable multi-tiered ETL pipeline in Python and AWS services (S3, Lambda, IAM, VPC, CloudWatch) using object-oriented design patterns, improving data processing efficiency by 20%.
- Automated refactoring of 35+ React components using custom scripts and developed 13 reusable UI components, reducing page load times by 25% and boosting user engagement by 15% across e-commerce features.
- Optimized complex SQL queries using CTEs, window functions, and multi-table joins to extract business intelligence insights, contributing to a $50K+ revenue increase in Q2 2024.
- Collaborated across the full Software Development Life Cycle (SDLC) — from system design and development to testing, code reviews, and documentation — to deliver production-ready features in a fast-paced agile environment.

Product Design Intern   *Ahmedabad, India*
BrainyBeam Technologies Pvt. Ltd.   *June 2023 – August 2023*

- Conducted 25+ user research sessions to identify key pain points, subsequently developing new designs based on this feedback and presenting the rationales to stakeholders, which directly contributed to securing a $15K brand deal.
- Led end-to-end product design and delivery for the online identity of the client including content strategy, responsive website, brand elements and marketing collateral from the ground up.
- Collaborated with UX/UI team to implement validated design solutions, resulting in a 23% improvement in overall user engagement and an average increase of 8 minutes spent per user session.

Technical Skills

Languages: JavaScript/TypeScript, Python, SQL, Java, C/C++.
Frameworks & Libraries: React/Next.js, Node.js, FastAPI, Redux, Express, Flask, Webpack, REST & GraphQL APIs.
Database Systems: PostgreSQL, MySQL, MongoDB, Redis, Snowflake, Elasticsearch, DBT, Kafka, Apache Airflow.
Cloud/DevOps: AWS (EC2, RDS, DynamoDB), Docker, Terraform, GitHub Actions (CI/CD).
Developer Tools: Git, GitHub, Linux/Unix, Jest, React Testing Library, AI Tools (ChatGPT, Claude, Gemini, Cursor).

Projects

GRADiEnt — AI powered Educational Platform — GitHub ↗ — Link ↗

- Built a distributed, multi-tiered system using Python, FastAPI and PostgreSQL with reusable component architecture.
- Designed scalable microservices using Docker and AWS ECS with CI/CD pipelines for continuous integration.
- Secured application with JWT authentication, role-based access control and GDPR using industry best practices.
- Incorporated complex algorithms for automated assessment, reducing feedback time by 90%.

Forge API — API Documentation Generator — GitHub ↗ — Link ↗

- Created an app to auto-generate API summaries for 6 programming languages with 95% accuracy under 30s per endpoint.
- Containerized with Docker, slashing environment provisioning time from 2 hours to under 10 minutes on AWS.
- Implemented a HTML generation pipeline alongside structured JSON output, accelerating deployment workflows by 50%.

Education

San Francisco State University   *San Francisco, CA*
Master of Science in Computer Science (GPA - 4.0)   *May 2026*
Courses: Software Engineering, Advanced Database Architecture, Advanced Operating Systems.

Gujarat Technological University   *Ahmedabad, India*
Bachelor of Technology in Computer Engineering (GPA - 3.84)   *May 2024*
Courses: Data Structures, Algorithms, Object-Oriented Programming in Java, Python for Data Science.