

Keyur Savalia

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Objective

Software Engineer specializing in full-stack development, with hands-on experience in UX/UI Research and Product Designing. Passionate about building products with a result driven and process centric approach using data-based design strategies.

Education

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| San Francisco State University <i>Master of Science in Computer Science (GPA - 4.0)</i> | <i>San Francisco, CA</i> <i>May 2026</i> |
| Gujarat Technological University <i>Bachelor of Technology in Computer Engineering (GPA - 3.84)</i> | <i>Ahmedabad, India</i> <i>May 2024</i> |

Experience

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| Software Engineer Intern <i>Qrious Tech Team LLP</i> | <i>Ahmedabad, India</i> <i>January 2024 – June 2024</i> |
| <ul style="list-style-type: none">Engineered a scalable ETL pipeline utilizing Python and AWS Ecosystem with Terraform IaC to automate data ingestion from cloud sources into Snowflake, improving data processing efficiency by 20%.Automated refactoring of 35+ React components with custom scripts and created 13 reusable UI components, yielding a 25% reduction in page load times and a 15% boost in user engagement.Leveraged window functions, CTEs and multi-table joins in complex SQL queries to surface BI insights that drove \$50K+ in revenue in Q2 2024. | |
| Product Design Intern <i>BrainyBeam Technologies Pvt. Ltd.</i> | <i>Ahmedabad, India</i> <i>June 2023 – August 2023</i> |
| <ul style="list-style-type: none">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.Shipped a family engagement app for iOS & Android, designed to boost family participation in senior loved ones' daily activities; a recent survey demonstrated a significant 70% increase in family communication.Worked with a global team for localization considerations in the app (language, low data etc.) and supported it through rollout in Abu Dhabi, Singapore and Sri Lanka. | |

Projects

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| GRADiEnt — AI powered Educational Platform — GitHub — Link |
| <ul style="list-style-type: none">Built a full-stack application using React, FastAPI and PostgreSQL with AI grading that cut feedback time by 90%.Implemented JWT authentication with role-based access control and GDPR-compliant data privacy measures.Designed scalable microservices using Docker and AWS ECS with CI/CD pipelines for continuous integration.Used Gemini API for AI feedback on student work with smart course recommendations and Elasticsearch functionality. |
| Forge API — API Documentation Generator — GitHub — Link |
| <ul style="list-style-type: none">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%. |

Technical Skills

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| Front-End: React.js, React Native, TypeScript/JavaScript, HTML5, CSS3 (SASS/SCSS), Material UI, Tailwind. |
| Back-End: Python, FastAPI, Flask, Node.js, Express, Spring Boot, REST & GraphQL, gRPC/Protobuf. |
| Cloud/DevOps: AWS (S3, Lambda, ECS), Docker, Terraform IaC, Snowflake, CI/CD (GitHub Actions), Jest, PyTest |
| Data: PostgreSQL, MongoDB, MySQL, OracleDB, Redis, Elasticsearch, SQL (window functions, CTEs). |
| Tools: Git, GitHub, Cursor IDE, Windsurf, Bolt.new, Claude, ChatGPT, Gemini, Figma, Adobe XD. |
| Soft-Skills: Cross-functional teamwork, Detail orientation, Stakeholder management, Clear written & verbal communication. |