Keyur Savalia

savalia.keyur1091@gmail.com | (415)349-1732 | San Francisco, CA | LinkedIn | GitHub | Portfolio

SKILLS

Front-End Development: React.js, Next.js, Vue.js, TypeScript, JavaScript (ES6+), GSAP, Three.js, Tailwind CSS, HTML, CSS (SASS/SCSS).

Back-End Development: Python (Flask), Node.js, Express.js, Java, Spring Boot, PHP, SQL.

Database & API Integration: PostgreSQL, Supabase, Firebase, MongoDB, RESTful APIs, OAuth, JWT authentication.

State Management: Redux, Zustand.

Performance Optimization: SSR, SSG, Lazy Loading, Code Splitting.

Design & Tools: Git, GitHub, JIRA, Figma, Adobe XD, Sketch, WordPress, Framer Motion.

EDUCATION

San Francisco State University   San Francisco, CA
Masters of Science in Computer Science (GPA: 4.0)   May 2026
Relevant Coursework: Software Engineering, Human Computer Interaction, iOS Development, Machine Learning, Artificial Intelligence

Gujarat Technological University   Ahmedabad, India
Bachelor of Engineering in Computer Engineering (GPA: 3.84)   May 2024
Relevant Coursework: Advanced Java Programming, Object Oriented Design, Data Structures & Algorithms, Operating Systems, Cloud Computing

WORK EXPERIENCE

Krishna Engineering   Ahmedabad, India
Software Engineer Intern   January 2024 – May 2024

- Automated the refactoring of 35+ React components by developing custom scripts, reducing page load times by 59%, leading to a 30% boost in user engagement.
- Applied SQL optimizations to improve data processing pipelines, directly contributing to a $50K+ increase in revenue by reducing query response time.
- Enhanced front-end API consumption by redesigning network request logic, reducing redundant API calls 40% and improving data retrieval efficiency.
- Led cross functional collaboration in Agile/Scrum ceremonies, increasing sprint velocity by 20% through improved coordination with backend and DevOps teams.
- Developed a comprehensive front-end testing framework using Jest, achieving ~70% code coverage for legacy code and ~85% for new features, reducing production bugs by 30%.

BrainyBeam Technologies PVT. LTD.   Ahmedabad, India
Product Design Intern   June 2023 – August 2023

- Conducted 15+ user research and usability testing sessions, gathering critical feedback that informed 3 major design iterations and increasing user satisfaction by 20%.
- Spearheaded a redesign of the user onboarding flow using Figma, Adobe XD, Sketch, reducing user drop-off rates 37%.
- Led A/B testing on UI elements to identify and resolve usability pain points, resulting in a 35% boost in click-through rates.
- Created wireframes and interactive prototypes for new features, reducing workflow complexity by 42% by cutting steps from 7 to 4.
- Managed concurrent design projects across various timelines, maintaining a 100% on-time delivery record and ensuring high-quality outcomes.

PROJECTS

The Flow Party | Next.js, TypeScript, Three.js, GSAP | LINK | GITHUB

- Incorporated interactive 3D visualizations with Three.js and dynamic animations with GSAP, creating an engaging, immersive experience.
- Reduced rendering bottlenecks by implementing lazy loading and scene graph optimizations, improving frame rates by 40%.
- Applied creative design principles to enhance visual storytelling, refining typography and layout for brand impact.

SupaDupa | Next.js, TypeScript, GSAP, Framer Motion | LINK | GITHUB

- Translated 50+ Figma mockups into a production-ready website with pixel-perfect accuracy, reducing design-to-development time by 20%.
- Identified and resolved performance bottlenecks during implementation, leading to 30% decrease in page load times.
- Managed Vercel deployments, ensuring 99.9% uptime by swiftly troubleshooting production issues.

Fusion Flow | Next.js, TypeScript, Sass, GSAP | LINK | GITHUB

- Developed a highly responsive landing page with a Lighthouse performance score of 95+ by using Next.js optimizations and Sass.
- Reduced CSS code by 25% with a maintainable styling system, increasing developer productivity.
- Implemented adaptive design across 7+ breakpoints, ensuring a seamless experience across all devices.

Kromin | Next.js, TypeScript, Tailwind CSS | LINK | GITHUB

- Designed an intuitive user experience by translating wireframes into a functional application, validated through user testing with 5 participants.
- Reduced development time by 30% using Tailwind CSS's utility-first approach for rapid prototyping.
- Ensured cross-browser compatibility and responsive design, delivering a consistent experience across major browsers.