

Jake Steele

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SUMMARY

Software engineering graduate student skilled in Python, Java, SQL, and JavaScript, with experience in full-stack development, cloud-backed systems, and Agile collaboration. Strong background in React, Node.js, and API-driven architectures; motivated to build scalable, human-centered solutions.

TECHNICAL SKILLS

Languages: C++, Java, SQL, Python, JavaScript, HTML, CSS, Liquid

Libraries & Frameworks: React, Node.js, Express.js, Django, jQuery, SFML, Spring Boot, JPA

Cloud & Backend: Supabase, RESTful APIs, JSON APIs, Microservices-style architectures, Distributed systems concepts, AWS, Cloud development

Databases: PostgreSQL, MongoDB

Tools & DevOps: Git/GitHub, CI/CD (CircleCI, GitHub Actions), Docker, Jira, Trello, Figma, Slack, Rollbar, Optimizely, Cupola, XML

Methodologies: Agile, Scrum, SAFe, Test-driven debugging

Interpersonal: Fluent in Spanish, time management, detail-oriented, problem solving, teamwork, leadership

TECHNICAL PROJECTS

Innventory - Full-Stack Hotel Inventory System Web App | Technical Lead

- Designed and built a cloud-backed full-stack system (React, Supabase, Node-style APIs), implementing SQL queries, secure authentication, role-based access, and scalable distributed-systems patterns.
- Led an Agile team, driving architecture decisions, schema design, code reviews, and Git branching strategy.

Competitive Pokemon Catalog - JavaScript, HTML, CSS Web App | Solo Project

- Implemented nested maps for O(1) lookup of defensive multipliers, enabling scalable matchup calculations.
- Modeled JSON datasets as data streams for real-time matchup calculations and analysis.
- Built responsive, user-driven UI components for interactive filtering and exploration of competitive analytics.

SnapStudy - React Native Mobile Feature Prototype | Technical Lead

- Built a study-group productivity app with a nonprofit advisor in a cross-functional engineering/design/product team.
- Implemented mobile UI logic, countdown timers, and navigation flows, integrating Supabase (Postgres + Auth) for cloud-backed authentication, API reads/writes, and session persistence.
- Delivered iterative feature updates through Agile sprints and Git-based reviews.

EXPERIENCE

Snap Inc - Software Engineering Scholar 06/2025 - 08/2025

- Built a React Native application feature prototype in a cross-functional engineering/design/product team.
- Integrated cloud-hosted data workflows and implemented UI components for prototype use.

Appflio Property Manager - Payments Software Quality Assurance Intern 05/2023 - 08/2023

- Tested and debugged large-scale SaaS features within an Agile software organization.
- Identified performance and logic defects in payment workflows, enabling new revenue pathways.
- Collaborated in sprints, participated in code reviews, and delivered feature increments within CI-driven release process.

Freelance Shopify Developer 04/2022 - 05/2023

- Built and optimized client storefronts using Liquid, JavaScript, and responsive UI design.
- Improved performance and maintainability through template creation and cloud-hosted deployments.

Honeydew Family Farms - Operations Director 03/2014 - 12/2019

- Built scalable operational systems supporting 30-person teams through resource planning and workflow optimization.

EDUCATION

California State University, Los Angeles 2027 Master of Science, Computer Science

General Assembly 2022 Software Engineering Immersive Remote Certificate of Completion

Occidental College 2013 Bachelor of Science, Biochemistry