

SIMON DOKU

sdoku@stetson.edu | <https://www.linkedin.com/in/simondoku> | <http://github.com/simondoku>

EDUCATION

Stetson University - FL, USA

Graduated: May 2025

Bachelor of Science, Computer Science, Data Analytics.

Honors: 2024 ICPC Southwest D2 Regional Competitive Coding Finalist, 4x Dean's List.

SKILLS AND PROFICIENCIES

- **Programming Languages:** JavaScript, TypeScript, Swift, Objective-C, Go, Python, Java, C++.
- **Frameworks:** React, Tailwind CSS, Bootstrap, Redux, Angular, SwiftUI, Node.js, Jest.
- **Technologies:** Git, NPM, Yarn, Firebase, MongoDB, SQL, AWS, Kafka, OpenMP, Hadoop, Spark, Flask
- **Tools:** Chrome DevTools, Xcode, VSCode, Postman, Figma, Claude Code

WORK EXPERIENCE

HubSpot – Agentic Software Engineer

Oct 2025 – Present

- Develop and maintain customer-facing calling and SMS features using TypeScript and React, serving thousands of daily active users.
- Build reusable UI components and agent-driven automation to optimize frontend performance for real-time communication workflows
- Partner with product and design teams to prototype and ship agentic interfaces that intelligently automate customer communication tasks and improve engagement.
- Drive frontend architecture decisions and code reviews, embedding AI-first patterns that ensure scalable, maintainable, and agent-compatible codebases

Uber – Software Engineer Intern–Platform Engineering

May 2024 – August 2024

- Developed a production-grade gRPC API in Go to validate driver job categories, integrated with Uber's job platform.
- Built QA and integration tests to detect malformed job entries, reducing operational downtime by 50%.
- Designed high accuracy QA and Integration Tests that flag new job data entry errors enabling real-time incident notifications to on-call and improving downtime by 50%.
- Authored documentation and onboarding guides adopted by cross-functional teams for smoother deployments.

Zillow – Software Engineer Intern

May 2023 – July 2023

- Revamped booking flow UI in SwiftUI, reducing interaction latency by 15s and improving conversion rates.
- Built a Swift-based internal tool automating file renaming/movement, cutting down workflow time by 20%.
- Collaborated with designers to apply Apple HIG, enhancing accessibility and UI/UX consistency.

PROJECTS

Icebreaker – AI Powered IOS Matching App | Swift, SwiftUI

[Github](#)

- Developed a native app with radar-based real-time user matching, leveraging SwiftUI and location-based AI scoring.
- Designed responsive UI with glass morphism and accessibility best practices, including 15+ SwiftUI components.
- Integrated an AI assistant for chat, ensuring seamless interaction and user privacy.

Business CRM System | React, Node.js, MongoDB

[Github](#)

- Created a full-stack system with dashboard visualizations, live data sync, and user-role-based authentication.
- Employed Redux for global state, Jest for testing components, and optimized rendering with lazy load strategies.
- Boosted user productivity by 30% via UI streamlining and dashboard responsiveness improvements.

Blips AI | React, Node, MongoDB

[Github](#)

- Built a platform for AI-generated media using React with Redux and modular component architecture.
- Designed secure upload and feed display with code-split routes, lazy loading, and responsive Tailwind styling.
- Collaborated cross-functionally with UI designers and backend engineers to ensure UI meets accessibility and design standards.

HOBBIES AND VOLUNTEER WORK

Ballet For The World Initiative – Volunteer Developer

- Redesigned and optimized a single-paged website for a student-led nonprofit, improving accessibility and engagement for underrepresented children in the greater Orlando area.