

# Falomo Sharon

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## EXPERIENCE

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### Frontend Engineer

October 2022 – Present

*EmpowerHerCommunity*

*College Station, TX*

- Collaborated with a team of developers (frontend and backend), designers and project manager to create a full stack website for the organization
- Contributed to brainstorming sessions, troubleshooting, and the successful delivery of project milestones
- I was incharge of mainaining the site and also translate the figma design into pixel perfect ui
- Strengthened teamwork and communication skills through close collaboration with fellow engineers

### HOKC Developers Team

Nov. 2023 – April 2024

*Frontend Developer*

*Georgetown, TX*

- Developed a dedicated church website, separate from the existing QR code system, to improve accessibility for users unable to use biometric sign-ins
- Collaborated with team members to plan, design, and implement the website, ensuring effective communication and task delegation.
- Gained hands on experience with Typescript, leveraging strict type enforcement to enhance code quality and maintainability. Interswitch

### IDC Babcock Campus Ambassador

April 2022 – July 2023

*Interswitch*

*Georgetown, TX*

- Conducted interactive workshops and meetings to educate students on Interswitch APIs and their application in project development.
- Developed a game in Java to test the generated dungeons
- Provided technical guidance on integrating APIs into student projects, fostering collaboration and problem-solving within peer groups.
- Promoted the adoption of Interswitch technologies through effective communication and community engagement.

### Babcock Devteam

April. 2022 – July 2022

*UI/UX Designer*

*Georgetown, TX*

- Collaborated on revamping the UI design of the portal of Babcock university Lecturer's Dashoard website using Figma
- worked on the flow of the site using Jira

## PROJECTS

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### Election Voting Site | *Next Js, Tailwind CSS, Supabase, Nodemailer, Rechart*

- Developed a full-stack secure passwordless voting platform for 300+ students in my department to improve election integrity
- OTP-based login via school email
- Cooldown mechanism to prevent OTP spamming
- Vote integrity enforced using Supabase RLS to ensure one vote per student
- Real-time admin dashboard to monitor results and voting status
- Matric number verification with Supabase checks
- **Outcome:** Reduced manual validation and prevented double voting. Students enjoyed a faster, transparent, and smoother voting process.

### AI-Powered Recipe Finder App | *React, Tailwind CSS, Firebase, Spoonacular API, HuggingFace API*

- Built a full stack recipe app that allows users to search for meals by ingredients and get personalized suggestions
- Integrated the Hugging Face Inference API to generate AI powered features like: step summarization using facebook/bart-large-cnn and meal classification (e.g., breakfast, vegan) with gpt2
- Implemented real-time search functionality using fetch and category-based filtering to display relevant recipe cards instantly.
- Created a "What's in My Fridge?" feature allowing users to input ingredients and receive tailored meal suggestions, addressing food waste and meal planning needs.

- Used Firebase for user authentication and data storage, allowing users to save favorite recipes, manage profiles, and access saved data across sessions.
- Applied user-centric UI/UX design principles using Tailwind CSS to ensure intuitive navigation, clean layout, and responsive design across devices.
- **Outcome:** Solves the common problem of meal indecision with AI enhanced recipe suggestions, Promotes smart grocery usage by suggesting meals based on leftover ingredients and Demonstrates how AI can improve everyday tasks like cooking and meal planning

#### Scissors Site | *React, Tailwind CSS, Supabase, Shadcn Ui, Rechart*

- Built a link management platform that enable users to shorten, customize, and share links while providing a dashboard to track clicks, locations, and devices for better analytics.
- Addressed the real life problem of managing and analyzing shared links effectively, enhancing user productivity and decision-making.

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, HTML/CSS

**Frameworks:** React, Next.js, Node.js, Express.js

**Libraries & UI Tools:** Tailwind CSS, Bootstrap, ShadCN UI

**Backend & Databases:** Firebase, Supabase, MongoDB

**Design & UX:** UI/UX Design Principles, Figma

**Developer Tools:** VS Code, Git

## EDUCATION

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### AltSchool Africa

*Diploma in Software Engineering (Frontend)*

*Aug. 2023 – Sept. 2024*

### Babcock university

*BSC Accounting*

*Aug. 2019 – July 2024*