

# SAMUEL AZANAW

Software Engineer, Web citizen

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## EXPERIENCE

### SENIOR FRONTEND ENGINEER & PROJECT MANAGER, AFRO FARM INC

Apr 2020 to Present

- Lead Frontend Engineer/ Team Lead on **Crowd-farming system** and **Marketplace** that helps farmers get public funding to farm during the dry season and sell their products.
- Individually wrote investors and farmers **onboarding service**, **payment service**, and **marketplace** using **ReactJs**, **NextJs**, **ReduxToolkit**, **TypeScript**, & **Emotion**.
- Managed the frontend and mobile teams. Increased feature rollout and code quality, and boosted data collection accuracy and loading performance.
- Helped 3000+ farmers produce farming products from 1 to 3 times a year.
- Writer and maintainer of AfroFarm's Crowd-farming web developer docs.

### SENIOR SOFTWARE ENGINEER / PROJECT MANAGER, AHADOOTEC ICT SOLUTIONS

Sep 2018 - Mar 2020

- Full-stack developer on a government-owned industry park. A blue-collar job processing, filtering, and management platform.
- Individually built **employee Biometric collection** and **Biometric matching system** using **Java**, **NodeJs**, **ReactJs**, **React Native**, **VueJs**, **MySQL**, and **Nginx**.
- Managed to save a monthly cost of \$156,250. Used for manual operations.
- Ensure data security while transferring data, and increased overall workflow speed.

### FOUNDER, FULL-STACK ENGINEER, MINAB TECH

Jan 2017 - Mar 2020

- Founder and ENGINEER on medium **skyscraper(building) management system** and several client software such as car rental companies, travel agencies, NGOs, and more.
- Used technologies namely **NodeJs**, **Javascript**, **ReactJs**, **VueJs**, **Express**, **PostgresSQL**, **AngularJs**, **Ionic Framework**, **Java**, **PHP**, **Laravel**, **Drupal**, and more.

## EDUCATION

### Bachelor, Computer Science

Addis Ababa University College of Natural & Computational Sciences

September 2012 - July 2015

## PERSONAL PROJECTS

- **Chiro** (<https://github.com/Sami-A/Chiro>) - *Physical rehabilitation & Stretching Exercise Web App*
- **Location Tracker** (<https://github.com/Sami-A/google-maps>)
- **TimeBox** ([time-box-iota.vercel.app](https://time-box-iota.vercel.app)) & (<https://github.com/Sami-A/TimeBox>)

## SKILLS(YEARS)

- Javascript (7+)
- React & Redux (5+)
- Ionic Framework(5+)
- Node.js (5+)
- MongoDB (5+)
- Loopback (5+)
- MySQL (5+)
- PostgreSQL (5+)
- React Native(3+)
- AngularJs(3+)
- TypeScript(2+)
- VueJS(2+)
- Java (2+)
- C #(2+)
- Drupal(2+)
- Next.js (1+)
- Flutter (1+)
- C (1+)

## SOFTWARE ENGINEER, YOKIDA CONSULTS

Jan 2017 - Nov 2017

- Mobile and Frontend engineer, on a **Child fund(NGO)**. **Resource planning system**. An international NGO that help malnourished children and low-income household with children.
- Individually built a **budgeting platform**, **planning module**(yearly, quarterly, and monthly), **data collection** of **children**, **caregivers**, and **volunteers**, and **report generation**.
- Used technologies such as, **Angular**, **Laravel**(PHP), **PostgreSQL** and **Ionic framework**.

## SOFTWARE ENGINEER, MARAKISOFT TECHNOLOGIES

Aug 2015 - Jan 2017

- Full-stack developer, on a **MarakiBiz ERP system** for large businesses. For instance, banks, pharmaceutical companies, and import-export companies.
- Individually build **CRM module**, **payment services**, **HR module**, **automated services**, and **scheduled services**(CRON jobs) using **C#**, **ASP.net MVC 5**, **Javascript**, **Angularjs**, **Jquery**, and **Team Foundation Server**(GIT like tool).
- I also built a service that **integrates our ERP system with third-party external systems called SAP** to get product price updates and newly added products.
- Deployed services in scalable and cost-effective ways on VPS server.