

Skills

Strong:

languages	JavaScript, Typescript, Node, Python, Shell Scripting, and PL/SQL language.
OS	Linux, Unix, and MacOS.
DBMS	MySQL, PostgreSQL, MongoDB, and Firebase.
Framework	Express, Nest, React, Next, Vue, and React Native.
Libraries	Redux, tailwind, , Socket.IO, i18next, crypto-js, helmet, stripe.js, amplitude-js, Twilio, FB/IG APIs etc...
CI/CD	Github Actions, Jest, Mocha, Chai, and Enzyme.
Version CS	GitHub, and Bitbucket.
Cloud	AWS, DigitalOcean, MongoDB Atlas, and Firebase.

Experienced:

languages	Java, C++, Php, and Assembly language.
Framework	Spring, Laravel, Django, flask, FastAPI, and Angular.
Libraries	Pygame, Matplotlib, , Numpy, PGP etc...
CI/CD	Bitbucket Pipelines, Vitest, and Sinon.
Cloud	Google cloud platform.

Education

Ibn Tofail University | Bachelor's Degree in Computer Science 2019

Ibn Tofail University | Master's Degree in Cloud Software Engineering 2021

Experience

Walo [Walo IOS](#) | [Walo Android](#) | [Official Website](#) Feb 21 - Present

Senior Software Engineer

The App & Card for Money-Smart Kids, it provides a solution to enhance the financial well-being of future generations through experiential learning. Not everyone has the chance to start their financial journey on the right foot. We created WALO to give every kid an opportunity to learn how to be financially healthy.

- Develop the official Walo website in **Next.js**, the admin panel in **AngularJs**
- Architect the App **backend**, and develop most of its features.
- Refactor the whole Postgresql Database schema to improve its design, and to make the app scalable.
- Brainstorm, Prototype and Design **Microservices** architecture, and started implementing it in a team of Devs and DevOps
- Set up **Amplitude** events for **analytics** purposes

Walo & Berkeley | Software architecting | database designing | Software developing

The integration of the app card provider. create cards for kids to learn about spending and saving in a fun, and interactive way. and register the parent debit card to help their kid earn money.

- **Design/architecture** : Chose the convenient infrastructure and Designed the architecture of the serverless functions
- **Card Issuing**: Developed AWS Lambdas for Card Holder CRUD System, Card Shipment, Card Activation, Different Card Transactions (Load Value, and Account Transactions)

- **Direct Send**: Developed the AWS Lambdas that permit user to make a VISA Debit Card transactions through our application and **Berkeley's API**. the Lambdas serve as a Intermediate that handles Http calls from our App, and

- prepares the data-input needed to perform the creation of Berkely Account, Financial Account, and Money Transfers.

Other functionalities: Debt Collections, 3D Secure, Health Check, Secure, etc...

Tech Stack:

React, Next, Angular, Node, Express, PM2, , Axios, Jest, Postgresql, AWS Lambdas, and AWS EC2, Amplitude, Firebase, Twilio and Facebook API

Plogg [Official Website](#) May 21 - Nov 21

Senior Software Engineer

Redefining the customer experience by recruiting, motivating and orchestrating the best team of e-business experts to achieve your business objectives as quickly and efficiently as possible.

- Architect and develop **Frontends and Backends**.
- Brainstorm, Prototype, design **SAAS Products**.
- Refactor **SQL Database Schemas** to improve their design, and to make their Apps scalable.
- Lead the team through the process of feature integrations.
- Write unit tests

EasyLens | database designing | Software developing

It aims to make the optician workflow easier by moving the process of ordering optic products online, providing qualitative and professional features that help the optician automate his daily tasks, manage his inventory, discover new products and suppliers, order, track orders, and more.

- Designed database, made sure all tables are association-tied, hence gave the backend less work to do, and implemented it in **MySQL**
- Developed backend modules in **Laravel**, Auth, Admin, Optician, Provider, Syndicate, etc...
- Created the skeleton of the frontend, and led a small team of two developers to build it with **Vue.js**.

Tech Stack:

JavaScript, Vue.js, Laravel, Axios, Jest, MySQL, and DigitalOcean

Personal

I like solving tech problems, writing algorithms, build reactive stuff using javascript, doing digital marketing. I play Basketball and occasionally Chess