

Skills

Strong:	
languages	JavaScript, Typescript, Node, Python, Java, Shell Scripting, and PL/SQL language.
OS	Linux, Unix, and MacOS.
DBMS	MySQL, PostgreSQL, MongoDB, and Firebase.
Framework	React, Next, Vue, Angular, React Native, Express, and Nest.
Libraries	Redux, React Query, SWR, Zod, tailwind, Socket.IO, react-hook-form, i18next, crypto-js, Headless UI, RxJS, NgRx, helmet, stripe.js, amplitude-js, Twilio, FB/IG APIs etc...
Testing	Jest, Mocha, SuperTest, Cypress, testing-library/react, Chai, Sinon.js, and Node-Mocks-Http.
CI/CD	Github Actions, AWS CodePipeline, Bitbucket Pipelines
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, and FastAPI.
Libraries	Pygame, Matplotlib, Numpy, Pandas, PGP etc...
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 - Jul 23
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Software Engineer (Full-Stack Developer)

Tech Stack:

Typescript, React, Next, Redux, Tailwind, React Testing Library, Cypress, Node, Express, Jest, Chai, Node-Mocks-Http, PM2, Angular, RxJS, NgRx, PostgreSQL, Amplitude, Firebase Cloud Messaging, Twilio, branch.io, Facebook API, Docker, AWS Lambdas, and AWS EC2, etc...

Our Mission: 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 health.

Area of intervention

- Develop the official Walo website in **Next.js**, the admin panel in **Angular**
- Architect & Develop most of the App **backend modules/features** in **Node.js/Express**.
- Refactor the **PostgreSql Database schema** to improve its design (**3nf**), and to make the app scalable.
- Set up **Amplitude** events for **analytics** purposes on the official website and the backend
- Design a prototype of a **Microservices** architecture, and convert with a team of Devs and DevOps some of the app modules to services such as the issuing of the Kids Debit cards.
- Wrote unit and integration tests

Project Reference

Walo & Berkeley

The integration of a complete **neo-banking** suite into our application via **AWS Lambdas**. **Berkeley** is a **digital bank** that allows us to offer user accounts, physical and virtual cards, peer-to-peer transfers, bill payments and direct deposit to our users.

Roles

Software architecting | database designing | Software developing

- Design/architecture** Chose the appropriate infrastructure and Designed the **Serverless** architecture.
- Card Management** Developed AWS Lambdas which allow the creation of Cardholders, Card Shipment, Card Activation, and Card Transactions (Load Value (**POS**), Account Transactions)
- Direct Send** Developed AWS Lambdas which allow the addition of payments with bank cards in real time to our solution.
- Other features** Debt Collections, 3D Secure, Health Check, Secure, etc...

Plogg Maroc	Official Website
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May 21 - Jul 22

Software Engineer (Full-Stack Developer)

Tech Stack:

Typescript, JavaScript, Node.js, React.js, SWR, Redux, Vue.js, Chai, Jest, Laravel, Eloquent ORM, MySQL, and DigitalOcean, etc...

Our Mission: 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.

Area of intervention

- Architect & Develop **Frontends** in **Vanilla Javascript, React.js, & Vue.js**, and **Backends** in **Laravel & Node.js**.
- 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.
- Wrote unit and integration tests

Project Reference

EasyLens

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.

Roles

Software architecting | database designing | Software developing

- Design/architecture** Participated in the design, brainstorming and realization of ideas/customer requests
- Conçevoir BD** Designed the SQL database, made sure all tables were association-tied which gave less work to the backend and implemented them in **MySQL**.
- Backend** Developed backend modules (Auth, Admin, Optician, Supplier, Union, etc...) in **Laravel**
- Frontend** Created the frontend and led a small team of two developers to build it in **Vue.js**.

Ametys	Official Website
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Aug 19 - Dec 20

Frontend Developer

Tech Stack:

JavaScript, Typescript, Vue.js, Vuetify, Axios, Vuex, ckeditor, Chai, and Jest, etc...

Our Mission: Ametys solutions allow local authorities as well as public actors to create attractive web sites and portals adapted to the challenges and uses of citizens.Internally, they use Ametys products to create next-generation intranets and extranets: collaborative and connected to their business needs.

Area of intervention

- Designed and Developed User interfaces with **Vue.js (v2.x.x)**, and **Vuetify**.
- Developed different features that allow users to perform actions and get immediate interactive behavior.
- Ensured the seamless communication between the Frontend and the Backend by Creating the frontend state manager with **Vuex** , and The HttpClient Library **Axios**.
- Wrote unit and integration tests

Languages

- Arabic:** Native
- English:** Fluent
- French:** Fluent

Personal

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