

Ilyass Ben Hakim

Software engineer

Please have a look
at ilyassbh.me

Career

Software engineer *full-time*

Sep 2023 - Present

European Investment Bank - Kirchberg, Luxembourg,

Building internal tools and frontend applications for managing business operations, and monitoring customer requests, allowing the institution experience a better web.

- Create design systems for different scalable, cross-platform and user-facing applications.
- Design and build custom UI components in which every element serve a reason.
- Engineer the front side of a secure authentication system, including handling JWT tokens and RESTful apis calls.
- Take care of deployments
- Maintained a fully typed and tested (unit tests) scalable and complex codebase.

React, Typescript, Formik, GraphQL Apollo, Context API, MUI, Jest, React Testing Library

Software engineer *full-time*

Sep 2022 - July 2023

Gonuggets - Luxembourg, Luxembourg

An internal AI powered software that manages sales, logistics, and business operations, contributing to the growth of brands selling on e-commerce marketplaces and direct-to-consumer (D2C) channels across EMEA.

- Led the frontend side in deciding on the tech stack used across both internal and external software applications, and on the creation of the design system.
- Built and managed tables containing large datasets, with high performance.
- Managed complex nested field forms while accurately tracking each modification made.
- Designed impressive user interfaces that load instantaneously, providing a delightful user experience.
- Maintained a fully typed and tested (unit tests) codebase, ensuring high reliability.
- Handling client and server side request and actions.

React, NextJS, SWR, CSR, Typescript, Emotion, Glide, Jest, React testing library, Eslint

Frontend engineer *full-time*

Oct 2021 - Sep 2022

ACV automotive (Monk AI) - Buffalo, New York, US (remote)

AI Powered car damage inspection software, based on a cross-platform SDK and a set of frontend packages, combined in a React Native application.

- Built a cross-platform React Native application that incorporates a fully controlled camera with specialized sights, enabling users to perform car inspections with precision and accuracy.
- Worked on a React Native SDK and a collection of open-source packages as helpers for managing camera controls, Redux stores, forms, visualizing AI outputs, and handling image annotations.
- Developed a whole cross-platform application for the acquisition of the solution by ACV auctions
- Created high-performance real-time features to ensure responsive functionality within the application.
- Secured the SDK with AUTH0.

React, React Native, Expo, Redux, Formik, Typescript, React Native Animated, Auth0, Sentry, Eslint

Frontend engineer *full-time*

Dec 2020 - Oct 2021

Obytes (Shighel Marketplace) - Kuwait, Kuwait (remote)

A freelancing platform, managing the whole process of hiring a freelancer, delivery quality check, client support, marketing, business operations and payment online.

- Led the frontend development within the company.
- Maintained a fully typed and tested (unit tests) codebase.
- Implemented user interfaces using CSSinJS.
- Created a smooth realtime chat experience that supports offline and online modes and tracks deliveries using WebSocket.
- Implemented a full online purchase system workflow and social auth.

React, NextJS, ISR, CSR, SSR, Apollo GraphQL, Formik, Typescript, Styled Components, Jest, React testing library, Eslint

Co-founder *side project*

Jan 2020 - Present

Gfree - Tetouan, Morocco

A community platform for everything Gluten-free related, where users can engage in creating and sharing their ideas, including recipes and personal stories.

- Created the frontend design system.
- Designed a user friendly and interactive rich text web editor to write recipes and stories.
- Maintained a fully typed and tested codebase.
- Created complex web animations based on React Spring.

React, NextJS, ISR, CSR, SSR, Redux, Redux Thunk, Formik, Typescript, Styled Components, Axios, NodeJS, ExpressJS, Jest, React testing library, Husky, Eslint

Frontend developer *full-time*

Jun 2019 - Nov 2019

Next-challenge - Paris, France (remote)

An AI powered hiring platform, taking care of the match-making process between a resume and a job offer.

- Implemented user interfaces with pure CSS and CSSinJS.
- Managed complex data fetching/storing using Redux and Redux-saga

React, Redux, Redux Saga, Javascript, Styled Components, Axios

Education

2019 - 2021

Ynov

Morocco, Casablanca

Software engineering master's degree.

2018 - 2019

BMHS SUPTEM

Morocco, Tangier

Computer science professional degree.

Technical stack

Programming languages and frameworks

Typescript, Javascript, ReactJS, NextJS, React Native, Expo, NodeJS, ExpressJS

Data fetching and state management

Redux, Redux Saga/Thunk, SWR, SSR, CSR, ISR, Apollo GraphQL, Context API

Styling and animation

Emotion, Styled Components, Stitches, Tailwind, Pure CSS, Framer Motion, React Spring, React Native Animated, MUI

Mantine UI, Chakra UI, Radix UI, Glide

Testing, formatting and code monitoring

Jest, React Testing Library, Git, Husky, Eslint, Prettier

Languages

Arabic Bilingual Proficiency

English Professional Working Proficiency

French Professional Working Proficiency