

Mohamed Khodja

Frontend Engineer

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EXPERIENCE

Frontend Engineer

June 2021 – Present

Pando Tech.

Algiers

- Work in a fast-paced startup/scaleup environment in an agile cross-functional team to consistently deliver and maintain features.
- Contribute to the design and implementation process of frontend architectures.
- Translate features from requirements into functional, stable components.
- Build component libraries to enhance development team productivity and improve the visual consistency.
- Reduced app load time by 84% by implementing optimisation techniques that increased URR by 143%.
- Develop GraphQL and REST APIs using ExpressJS and deploy on AWS solutions.
- Use GitHub Actions to build, test, and deploy CI/CD pipeline code from GitHub.
- Ensure application stability by writing and running unit tests, and end-to-end tests.
- Document and review code.

FullStack Developer

Feb 2019 – Nov 2020

Bear&Fork

Algiers

- Worked in close collaboration with a dedicated development and design team.
- Built Chrome Browser Extensions to improve productivity for internal teams.
- Contributed to B2B e-Commerce projects and developed RESTful APIs using ExpressJS.
- Maintained and enhanced legacy code base.
- Built websites and interfaces for social media campaigns.
- Actively participated in regular planning and brainstorming meetings.

PROJECTS

Toothist - Web application

| *JavaScript, React, ExpressJS, styled-component, MongoDB, Docker*

June 2022

- Developed a full-stack web application using with ExpressJS serving a REST API with React as the frontend.
- Implemented OAuth2 auth. for user signing, and built dashboards to visualize student data using ChartJS .
- Used Sentry for monitoring performance and error tracking.

Rezumees - Web application

| *Typescript, React, Saas*

March 2023

- Used Zustand for global state management, in combination with Formik for form management.
- Implemented WYSIWYG editor with Quill, and integrated Grammarly SDK for grammar and spell checking.

EDUCATION

Computer Science

Boumerdes, Boumerdes

Boumerdes University

Aug. 2015 – May 2018

Topics: Algorithmics & Data Structures, Computer architecture, Databases, OOP, Networking, Calculus, Algebra, Probabilities, Statistics, Physics,

AWARDS & EXTRA

Nominations

- **Tqochi**, Nominated African Startup of the year, Rabat, Morocco - December 2020

Hackatons

- **Local Hack Day**, *Algiers* - March 2018
- **Arduino Setup**, *Algiers* - Feb 2018
- **HackOn** - 1st place: Smart Forest Fire using IoT, *Algiers* Nov.2017
- **CTF - Capture The Flag**, SIT CTF, Hack'tillS7our, MCTF, *Telemecen* - March 2017
- **The GreenHackathon** - 2nd place, *Boumerdes* - May 2016

TECHNICAL SKILLS

Web & Programming: HTML, CSS, JavaScript, TypeScript, NodeJS, Python

Frameworks : React, NextJS, GatsbyJS, ExpressJS, Redux, Zustand, Flask, FastAPI

CSS & Preprocess.: Sass - styled-components, Material UI, GSAP, Bootstrap

Testing: Jest, Testing-library, Cypress

Databases & Storage: PostgreSQL, MySQL, MongoDB, Prisma

Cloud & Services: AWS S3, AWS Route 51, AWS Cloudfront, PlanetScale, Clerk, AtlasDB, Supabase

Tools: Git, GitHub Actions, Docker, Webpack, ESLint, CRA, Vite, Storybook, Postman, Apollo, Figma

Libraries: RxJS, Loadash, Ramda, Cheerio, Selenium

LANGUAGES

English: Advanced | **French:** Bilingual | **Spanish:** Conversational | **Dutch:** Basic | **Arabic:** Native