Mohamed Khodja
Frontend Engineer

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TECHNICAL SKILLS

Web & Programming: JavaScript, TypeScript, NodeJS, Python
Frameworks : React, React Native, NextJS, ExpressJS, Flask
CSS & Preprocess.: CSS, Sass, styled-components, Tailwind, GSAP, Bootstrap
Testing: Jest, Testing-library, Cypress, Pa11y
Databases & Storage: PostgresSQL, MongoDB, Prisma, AWS S3
Cloud & Services: AWS EC2, AWS CloudFront, PlanetScale, Clerk, AtlasDB, Supabase
Tools: Git, GitHub Actions, Turborepo, Webpack, ESLint, Docker, Vite, Postman, Apollo, Sentry, Figma
Libraries: Redux, Zustand, React Query, RxJS, Loadash, Ramda, Cheerio, Storybook, D3, Apex Charts

EXPERIENCE

Frontend Engineer
Pando Tech.
June 2021 – Present
Algiers

- Participated in agile feature development, showcasing React and Node.js skills, along with clean coding practices.
- Demonstrated effective communication by closely working with managers, designers, and mentoring junior developers.
- Contributed to architectural discussions, aligning priorities, and provided guidance for optimal frontend development.
- Led the development of design systems, resulting in 40% reduction in design-related issues and 30% faster development time.
- Promoted web accessibility initiatives, following WCAG standards, to ensure inclusive UX and foster a culture of inclusion.
- Applied modern UI/UX principles and optimization techniques, resulting in a 145% increase in user retention over 12 weeks.
- Developed GraphQL and REST APIs via Apollo and Express, to deploy on AWS Lambda following industry best practices.
- Utilized GitHub Actions to create and deploy CI/CD pipelines for code on GitHub, which led to 20% faster build time.
- Enhanced code quality via robust testing strategies, achieving 92% code coverage, and reducing bugs by 28% across projects.

Software Engineer
Taiba Food Company - Ramy
Jan 2023 – July 2023
Algiers

- Led frontend development for supply chain platform redesign, applying modern UI/UX principles for an enhanced UX.
- Collaborated closely with the backend team to integrate frontend components with Flask APIs and endpoints.
- Implemented genetic algorithms, and routing optimization, achieving 20% resource utilization improvement.
- Deployed the backend to an Azure instance ensuring scalability and reliability of the application in the cloud environment.
- Performed diverse testing strategies, ensuring high-quality code with 89% average code coverage using Jest and Cypress.

Software Developer
Bear&Fork
Feb 2019 – Nov 2020
Algiers

- Worked with a dedicated development team of 7 under the agile framework, in a close collaboration with designers.
- Built Chrome Browser Extensions that improved internal teams productivity by 55%.
- Contributed to B2B e-Commerce projects and developed RESTful APIs using ExpressJS.
- Successfully maintained legacy code, by rewriting 20% of the code base which reduced bugs by 30%.
- Created websites for social media campaigns that led to 35% of users conversion.
- Actively participated in regular planning and brainstorming meetings.

EDUCATION

Bachelor in Computer Science
August 2016 – June 2019
Boumerdes, Boumerdes
Boumerdes University

Topics: Algorithmics, Computer architecture, Databases, OOP, Networking, Calculus, Algebra, Probabilities, Physics

PROJECTS

Toothist - Web application | JavaScript, React, ExpressJS, styled-components, MongoDB, Docker, WebRTC
- Built a full-stack web app with ExpressJS to serve a REST API and React as the frontend, using WebRTC for group calls.
- Implemented OAuth2 for user sign-in, and created dashboards for data visualization using ChartJS.
- Used Sentry for monitoring performance and error tracking, which led to 35% of bugs fix.

Rezumee - Web application | TypeScript, React, Sass
- 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.

AWARDS & EXTRA

- **Tqochi** e-Commerce, Nominated African Startup of the year, *Rabat, Morocco* - December 2020
- **Local Hack Day** — *Algiers* - March 2018
- **Arduino Setup** — *Algiers* - Feb 2018
- **HackOn** - 1st place — *Algiers* Nov.2017

LANGUAGES

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