Wael Bourouaiah

Algiers, Algeria
waelbourouaiah@gmail.com | +213561566678 | Portfolio | LinkedIn

SKILLS

React, Next.js, TypeScript, JavaScript, , Go, Node js, Redux, GraphQL, WebSockets, WebRTC, React-testing-library, Jest, Vite, Cypress, PostgreSQL, MongoDB, Redis, AWS, Docker, Jenkins, Terraform

WORK EXPERIENCE

Ionik

Senior Software Developer   Feb 2024 - Present

- Led a complete frontend modernization by migrating the codebase to Redux Toolkit, refactoring async flows, state management, and caching strategies
- Built a microservice enabling clients to create custom RAG AI models with dynamic data integration capabilities, allowing automated fetching and updating of system information while retrieving external data based on user-specific parameters
- Used WebRTC to implement a video chat and a co-browsing feature on the app
- Built a complete Stripe payment integration across frontend and backend
- Mentored junior colleagues for best practices in React, Go, and database optimization

Mid-level Software Developer   Sep 2022 - Feb 2024

- Leveraged React and TypeScript to build the frontend for the app and used SSR and SSG with Next.js to build a performant marketing site that follows SEO best practices
- Developed and maintained the Graphql and RESTful APIs using Go with PostgreSQL and MongoDB
- Implemented serverless architecture using AWS Lambda and API Gateway
- Created sophisticated and responsive data visualizations using D3.js with the ResizeObserver API
- Implemented the testing strategy using Jest+RTL for the frontend and Go's testing package for backend services
- Participated in the UI/UX design process to enhance the user experience

Freelance

Software Developer   Jan 2022 - Sep 2022

- Delivered 5+ full-stack web applications for diverse clients using React, Next.js, and Node.js, consistently meeting project deadlines, translating business requirements into technical solutions, managing the complete development lifecycle from initial consultation to deployment and maintenance

- Architected and implemented responsive, SEO-optimized websites with server-side rendering, resulting in improved page load speeds and search engine visibility for client businesses
- Built custom RESTful APIs and database integrations using Node.js and MongoDB/PostgreSQL
- Used Strapi CMS to support content management by the clients
- Implemented modern development practices including TypeScript for type safety and CI/CD pipelines to ensure code quality and reliable deployments

EDUCATION

Abdelhamid Mehri Constantine University