

Fawaz Orabi

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EXPERIENCE

Principal Full Stack Engineer

Jan 2022 – Dec 2024

Cosuno Ventures GmbH

Berlin (Remote)

- Developed an algorithm to suggest the ideal number of bidders, helping ensure successful project completion.
- Created a database connection with GraphQL and Prisma for a digital tendering platform, integrating Autodesk's 3D models into the web application.
- Expanded the database by 50K+ entries using automated data collection, enhancing options for project selection.
- Improved platform speed and user interface performance by identifying and resolving code bottlenecks, leading to higher user satisfaction.
- Enhanced cost estimation tools for contractors using 3D models and Docker-based deployment.
- Supported cost breakdowns by implementing the REB standard, helping with construction project planning.

Senior Full Stack Engineer

Jun 2021 – Dec 2021

Westwing Group

Cologne (Remote)

- Transitioned a legacy PHP app to a React single-page app with Docker support.
- Evaluated React frontend improvements by running A/B tests to boost engagement and efficiency.
- Optimized CI/CD pipeline, enhancing caching strategies and speeding up processes.
- Helped choose the tech stack and design for the monorepo architecture to improve resource use.
- Improved load times with code-splitting, lazy loading, and browser-native solutions.

Senior Front-end Developer

Jun 2020 – Jul 2021

About You GmbH

Hamburg (Hybrid)

- Designed, tested, and maintained UI components for a mobile web app overhaul using React and TypeScript.
- Enhanced testing and validation processes in GitLab for faster execution and efficiency.
- Supported legacy app maintenance while transitioning to a new system.

Mobile Developer

Oct 2018 – May 2020

RemoteLock

Denver, CO (Remote)

- Launched a cross-platform mobile app by enhancing React Native development and user interface.
- Integrated analytics for insights on user behavior and app usage.
- Implemented over-the-air updates using CodePush, improving app deployment.

Senior Web Developer

Oct 2018 – Mar 2019

RemoteLock

Denver, CO (Remote)

- Enhanced user experience for RemoteLock's access control platform by implementing a design system and modular React components.
- Used AWS (S3, Lambda) to store and process lock event data, ensuring reliability and availability.
- Worked with backend team to implement secure APIs for sharing data across web and mobile platforms.
- Created new UI features for better user interaction, improving the overall user journey.

Lead Full-Stack Developer

Jun 2017 – Oct 2018

Hollowverse

US (Remote)

- Built and maintained a web app showing political views of public figures using Node.js, React, and GraphQL.
- Deployed the app on AWS, managing infrastructure with Docker for scalability and reliability.
- Optimized data loading strategies for faster load times and a smooth user experience.
- Implemented SEO strategies to improve search ranking, increasing visibility and engagement.

Freelance Web Developer

Nov 2012 – Mar 2017

Mostaql.com, Upwork.com, Toptal.com

Remote

- Designed and built custom web solutions for small businesses to establish an online presence.
- Created responsive websites using HTML, CSS, and JavaScript, tailored to client branding.
- Worked closely with clients to meet project goals, delivering quality results on time.
- Oversaw all development phases, from initial design to final deployment.

PROJECTS

- Smilespace** | *Supabase, PowerSync, React Native, Expo, React, PostgreSQL, Docker, Node.js* Nov 2024 – Present
- Built an administrative task management platform for dentists that works even without Internet, and syncs the data back to the cloud later.
 - Implemented PostgreSQL Row-level security to ensure only authorized users can access their own data
- WebCeph** | *TypeScript, React, Redux, Webpack, Offline-first* Jan 2016 – Nov 2016
- Created a web app for analyzing orthodontic images, optimized for smooth performance and offline use.
 - Used React for the interface, Redux for data management, and TypeScript for stable, type-safe coding.
 - Implemented features like offline support, faster load times, and hardware-accelerated animations for efficiency.
- aQuran** | *JavaScript, Node.js, Gulp, Angular.js, Offline-first* May 2014 – May 2015
- Built a cross-platform Quran app optimized for mobile use with offline support.
 - Included features like offline reading, adaptive media queries, and performance enhancements for a better user experience.

TECHNICAL SKILLS

Frontend: HTML/CSS/JavaScript, TypeScript, React, Redux/Context API, Vue/NuxtJS, Svelte/SvelteKit, Angular, Electron.js, Tailwind CSS

Backend: Node.js, GraphQL, REST, NestJS, Express.js, gRPC, Elasticsearch, OpenAI API

Databases: MySQL, PostgreSQL, MongoDB

Mobile: React Native, NativeWind, GlueStack UI, Expo, Java/Kotlin, Flutter, Swift

Data Science: Python, Machine Learning, Custom Artificial Intelligence Algorithms, Generative AI, Applied Machine Learning, TensorFlow.js

Infrastructure: Linux, Docker, Terraform, Kubernetes, Amazon Web Services (AWS), Google Cloud Platform, DigitalOcean, Vultr

Testing & Automation: Jest, Cypress, Mocha, Jasmine, Appium, Selenium, Karma Android, Web Scraping

Developer Tools: Git, GitHub, Docker, Travis CI, Github Actions, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

PUBLICATIONS

- Introduction to User Experience** 2016
A book by Joel Marshal, translated to Arabic Hsoub Academy
- Translation of Getting Started with CSS** 2016
A series of articles by the Mozilla Developer Network translated to Arabic Hsoub Academy
- Front-End Web Development Video Course | HTML/CSS/JavaScript** 2016
Video course on front-end web development, covering web development essentials Hsoub Academy
- Google Cloud Platform and AWS Tutorials** 2016
Various tutorials and guides Medium.com

EDUCATION

- Bachelor of Dental Surgery** Aug 2010 – Jun 2015
University of Hama, Hama, Syria Hama, Syria
- Master of Science (MSc) in Orthodontics** Aug 2015 – May 2020
University of Hama, Hama, Syria Hama, Syria

LANGUAGES

English (Fluent), German (B2), Arabic (Native)