Mohamed S

Senior Full-stack Software Engineer

 Essen, Germany

SUMMARY

Senior Full-stack Software Engineer with 15+ years of experience in frontend and backend development, specializing in React and Node.js. Adept at writing clean, maintainable, and efficient code. Experienced in leading and collaborating with teams on diverse projects across various companies. Flexible in both remote and in-office work environments, adapting seamlessly to organizational needs.

PROFESSIONAL EXPERIENCE

04/2022 - 09/2024

Berlin, DE

Senior Frontend Developer

Interlink GmbH

- Led frontend development for the company portal, driving key design and feature implementations.
- Developed Service Wizards, enabling customers to customize orders to their specific needs.
- Enhanced system reliability by implementing comprehensive E2E tests covering critical portal features.
- Reduced application crashes through an overhaul of error reporting and handling mechanisms.
- Improved development delivery by collaborating in sprint planning and estimations.
- Optimized backend response time by coaching developers on the frontend codebase, streamlining interactions.

2013 - 2021

Remote

Freelancer - Senior Full-stack Developer

- Provided full-stack development services as a freelancer for 25+ clients on Freelancer.com and Upwork.com.
- Earned the Expert-Vetted and Top Rated Plus badges on Upwork for exceptional performance.
- Completed numerous short-term contracts averaging 3 months, **with notable projects including**:

ROQ Technology GmbH

- Co-developed ROQ One. The company's free and open-source version of the Software-as-a-Service product.
- ROQ One was a full-stack solution that covered both backend and frontend. The React components I built was aiming to demonstrate the capabilities of the platform.
- Built a private calendar NPM package for the ROQ SaaS product.
- Achieved major improvements in code quality by instituting rigorous code review processes.

Flexcavo GmbH

- Redesigned the database and helped building the GraphQL API.
- Reduced the cost of an expensive per-request 3rd-party API integration by caching the results.
- Built a significant part of the UI in both the marketing website and the customer dashboard.

Blossom

- Developed a cross-platform Electron.js app integrated with Zoom.
- Developed a video player with an automatic closed captions text highlighter.

Crowdbotics

- Co-developed a React Native app called Xola for a San Francisco-based company.
- Reduced application crashes by implementing Sentry.
- Automated the build and signing process of the app.

Earthjoy

- Built and deployed a React Native mobile app to the Google Play Store and Apple's App Store.
- Built the backend APIs using Node.js, Express and MongoDB.
- Built an admin dashboard using React for the site administrator to manage payments.
- Connected with the Stripe payment gateway to collect the monthly payments.

Dropboy A/S

- Worked on the route planning feature of the platform.
- Improved the user satisfaction by implementing order templates.
- Led the React Native app development.

Virtual Tour Builder

- Built a 360° panorama viewer for real estate companies. This included navigating between rooms, floors, etc.

Winning Technologies LLC

- This was an Uber-like startup that was targeting last mile delivery in the USA.
- Built 2 mobile apps **Zuba Delivery** and **Zuba Client** using Ionic.
- Built the APIs for the mobile apps and the admin dashboard.
- Built **Sumusta**, a live chat platform which offers an integration for customer support. This platform utilized Socket.io and WebRTC to allow for text, audio and video communications.
- Implemented the Stripe payment gateway to collect service fees.

PROFESSIONAL EXPERIENCE

EK Immigration
- Built a React Native mobile app for a Chinese agency that facilitates student enrollment in overseas universities.
- Built the backend with Node.js, Express and MongoDB.
- Added i18n to support the user who speaks Mandarin and Cantonese.

Soholta Elbnaa
- An on-demand mobile app (Android & iOS built with Ionic) that connects service providers (plumbers, electricians, etc.) with companies and homeowners.
- Utilized a multi-tenant architecture to avoid creating multiple apps.
- Developed the backend with PHP and MySQL.

Budgetizer
- Built a mobile app with Ionic that allows users to manage their expenses.
- Improved security by encrypting the data and saving it on the device.

DirtyPCBs
- Developed an interactive cable design tool using JavaScript and jQuery.
- The tool enables users to drag and drop cable and hardware components, drawing lines between pins. Users can then add their design to the shopping cart and proceed to checkout.

Grandis
- Built a cross-platform desktop app using Electron.js for a Libyan healthcare insurance company.

2012 - 2016

Remote

Plugins and Scripts Publisher
CodeCanyon Marketplace
- Created and sold various scripts and WordPress plugins on the CodeCanyon marketplace.

05/2009 - 12/2011

Cairo, Egypt

Freelancer Junior Flash & Web Developer
El Sherouk School
- Designed and developed interactive Flash learning CD and mini-games for primary school kids.

10/2008 - 05/2009

Cairo, Egypt

Frontend Developer Intern
ATSCO
- Developed 2 websites using HTML, CSS and Adobe Flash (RIP)

SKILLS

| AWS | JavaScript | TypeScript | CSS | React | Next.js | NestJs | Tailwind | React Native | Node.js | Express |

| GraphQL | RESTful APIs | Socket.io | PHP | WebRTC | MongoDB | PostgreSQL | MySQL | Redis | Prisma |

| TypeORM | ElectronJs | Web Scraping | AngularJS | Ionic | Cypress | Jest | Git | CI/CD | Docker |

| Kubernetes | Jenkins |

LANGUAGES

Arabic
Native

English
Fluent

German
Intermediate

EDUCATION

2007 - 2012

Bachelor of Arts in Education
Fayoum University

VOLUNTEERING

Software Instructor
Harmony Training Center
📅 2010 - 2011

Instructed multiple groups of university students and recent graduates on using Microsoft Office, Adobe Photoshop, and basic programming skills to enhance their job prospects.