Fardin Abdi
Senior Frontend Engineer

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ReactJS, React Native, NextJS. Angular, Node.js, Firebase, GraphQL, Hasura, Odoo

Website . LinkedIn . Github

PROFESSIONAL EXPERIENCE

HUMA THERAPEUTICS   London, UK
Senior Software Engineer   **2024-2025**

- Contributed to Huma's remote patient monitoring system by developing new health modules with real-time tracking using Angular.
- Transitioned a large codebase to a plugin-based architecture, reducing codebase size by 40% through modularization and reuse, and improving scalability—cutting new module development time.
- Developed an AI-based agent for Huma Builder, automating the creation of standalone health solutions by managing the entire lifecycle through AI interactions, increasing app creation speed by 5X.

SOFTCODE SOLUTION   Southampton, UK
Senior Full Stack Developer   **2023-2024**

- Contributed to a fintech application, working on the React-based admin panel, React Native mobile app.
- Built a dynamic GraphQL server using JSON-based schema definitions, eliminating the need for manual resolver updates and increasing schema update speed by 5X.
- Developed a modern news platform backed by Headless WordPress and a Next.js frontend, leveraging REST APIs and dynamic content rendering to deliver fast, SEO-friendly pages with rich media support.

BOX ADVERTISING   Sulaymaniyah, Iraq
Senior Software Engineer   **2021-2023**

- Implemented a VIP feature across web (Next.js), mobile (React Native), and admin panels for a classified ads platform, fully integrated with marketing tools.
- Implemented multi-language support for the classified ads platform.
- Developed a real-time polling app with React Native , featuring concurrent voting, real-time updates.
- Developed custom ERP solutions using Odoo Community Edition for logistics, healthcare, and company management, customized core Odoo modules for tailored functionality to meet each client's specific needs.

HARZAAN   Sulaymaniyah, Iraq
Web and App developer   **2017-2021**

- Led the development of cross-platform applications for web, iOS, and Android, growing the user base to 100K monthly active users from zero.
- Conducted multiple system migrations and rewrites, setting up staging environments with production data synchronization to ensure smooth and bug-free deployments, achieving a crash rate of just 2%.
- Developed a user activity tracking system, logging data across platforms and streaming it into Google BigQuery and Google Looker, generating tailored reports for different teams to analyze user behavior.
- Reduced the Next.js web application's bundle size by over 95%, from 2 MB to less than 100 KB, by implementing lazy loading and a modular system for optimized performance.
- Utilized deep linking for cross-platform integration, automating user onboarding from active campaigns to the relevant pages. Increased our user conversion rate by 60%.
- Enhanced the search experience by implementing a family words feature, allowing related terms to yield the same results. This improvement increased product discovery.

ALLAI NEWROZ TELECOM   Erbil, Iraq
Web Developer   **2014-2017**

- Contributed to the development and rebuilding of the Freebase graph database, with more than 80M topics, utilizing Cassandra and Blazegraph with RDF, optimizing the system for large-scale data management
- Developed the first version of the social knowledge platform using the first early versions of ReactJS in 2014.
- Used Drupal as a headless CMS, decoupling the backend to power a React.js frontend application.
- Established a training center and designed a hiring pipeline to hire top talent based on training outcome.

EDUCATION

MALAYER UNIVERSITY   **Hamadan, Iran**
B.S. In Software Engineering   **2008-2012**

- Ranked among the Top 3 students in the second year of the B.S. in Software Engineering program.
- Trained over 120 students in web development and network implementation, providing hands-on learning in front-end technologies and network configuration.
- Developed a lossless compression algorithm using the Huffman algorithm at the byte level, and built a working application in C++, reducing the files by 30%.
- Co-Authored a book on networking and designed, implemented, and simulated the entire university's network infrastructure, providing practical insights and real-world applications.
- Implemented a network monitoring system using Wireshark, enabling packet checking.
- Trained a neural network model in Matlab to recognize different flow types from input images.

AWARD & CERTIFICATE

- Earned certifications from GraphQL Academy, FreeCodeCamp, and Udacity
- Selected as the Top Entrepreneur in Iran
- Granted endorsement by a UK innovation support body
- UK Full Driving License.