ALI AL-GHARIBAWI

Junior Front-End Engineer | React • Data-Driven UI • Full-Stack Foundations

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SUMMARY

Junior Front-End Engineer with strong hands-on experience designing, building, and deploying React-based, database-driven applications used by real users, integrating modern backend APIs. Known for approaching UI development as a problem-solving exercise, translating complex logic, AI outputs, and real-time data into clean, performant, and intuitive front-end experiences. Strong foundations in JavaScript, React, Next.js, and RESTful systems, with backend exposure in Python and Node.js.

TECHNICAL SKILLS

Front-End
- JavaScript (ES6+), TypeScript
- React, Next.js
- HTML5, CSS3
- Component-driven UI design, reusable components
- State management (Hooks, Context)
- Asynchronous data handling, pagination, performance optimization

Data & Cloud
- MySQL, PostgreSQL, MongoDB, DynamoDB
- AWS, Azure, GCP (foundational)

Back-End & APIs
- Node.js, Flask, Spring Boot
- REST APIs, JSON
- Python, Java

Tools & Practices
- Git, GitHub
- Agile / Scrum
- CI/CD (GitHub Actions)
- Docker

RELEVANT PROJECT EXPERIENCE

Portfolio Website (React / Production, Commercial Use)
Tech Stack: React, JavaScript (ES6+), Node.js, Tailwind CSS, Framer Motion, HTML5, CSS3, Vercel
- Designed and built a React-based, responsive portfolio platform, making deliberate decisions around component structure, layout hierarchy, and responsiveness to clearly present projects and experience.
- Implemented modern UI/UX patterns using Tailwind CSS and Framer Motion, balancing visual polish with performance and usability.
- Deployed and maintained the application on Vercel, optimizing for fast load times and reliable client-side routing.
- Commercialized the platform by selling it to multiple engineers, iterating on feedback to support real-world usage.
- Focused on performance, responsive design, and clean component architecture to ensure long-term maintainability.

AI Doctor Diagnosis Assist (Full-Stack / Data-Driven Application)
Tech Stack: React, Flask, Python, MongoDB, scikit-learn, TensorFlow

- Built a data-driven React front-end consuming backend APIs, designing UI flows to clearly present AI-generated insights without overwhelming users.
- Integrated machine learning models for preliminary diagnosis support, considering latency, error handling, and user trust in AI outputs.
- Designed RESTful APIs with Flask to manage requests and persist patient data in MongoDB, structuring endpoints for clarity and extensibility.
- Translated complex ML outputs into clear, usable UI components, focusing on readability and actionable information.
- Implemented asynchronous data handling with loading and error states to ensure a smooth and predictable user experience.

EDUCATION

AI Software Engineering Technology Advanced Diploma   **May 2025**
Centennial College, Scarborough, Ontario
GPA: 4.1 Graduated with Honours

ENGINEERING EXPERIENCE

Full Stack Developer (Production System)   **Jan 2025 – Present**
Al-Ridha Academy, London, ON
Tech Stack: React, JavaScript (ES6+), PHP, MySQL, REST APIs, Git

- Led the end-to-end development of a production React-based, database-driven web application, making architectural decisions around component boundaries, data flow, and API responsibilities.
- Designed modular React components for registration, event management, and scheduling workflows, prioritizing usability, reusability, and maintainability.
- Built and integrated RESTful backend APIs to handle authentication, form submissions, and data retrieval, ensuring consistent validation and error handling.
- Modeled and implemented MySQL schemas, carefully handling relational data, constraints, and secure persistence.
- Identified performance bottlenecks in SQL queries and front-end data fetching, refactoring queries and adjusting client-side loading strategies to reduce latency.
- Automated administrative workflows, reducing manual effort by 50% and improving data accuracy.
- Deployed, monitored, and iterated on the system based on real user feedback, treating the application as a long-term maintainable product.

Web Developer   **Aug 2024 – Present**
Al-Mahdi Centre, London, ON
Tech Stack: WordPress, Joomla, Cloudflare, HTML5, CSS3, PHP, GitHub, Accessibility (WCAG 2.0)

- Migrated and modernized legacy systems by transitioning from Joomla to WordPress, evaluating trade-offs between ease of use, maintainability, and performance.
- Collaborated with stakeholders to redesign information architecture, translating non-technical requirements into practical UI and system changes.
- Ensured full AODA/WCAG 2.0 AA compliance, embedding accessibility considerations into layout, navigation, and content structure.
- Integrated Cloudflare performance and security features, balancing caching strategies with content freshness and reliability.
- Authored documentation, sitemaps, and CMS training guides to enable non-technical staff to manage content confidently.
- Increased website performance by 30%, reduced maintenance workload by 40%, and boosted community engagement by 50%.

CERTIFICATIONS

Google Cloud Essentials | Google Cloud   **Nov 2023**