

Mohammad Alkayyali

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SOFTWARE DEVELOPER

Software developer who enjoys working closely with team members to ensure workloads are effectively redirected to bottlenecks and personally picking up the slack when necessary. With a passion for both personal growth and software development, Ready to apply my passion for coding to a talented engineering team to develop quality solutions.

PROFESSIONAL EXPERIENCE

Sync Interns

Apr 2023 - May 2023 (1 month)

Web development intern

- Completed a one-month virtual internship, developing four projects: a responsive product landing page, a quiz app, a music player, and an e-learning platform.
- Built each project using HTML, CSS, and vanilla JavaScript, showcasing core web development skills.
- Recommendation letter and certification of completion available on LinkedIn; project portfolio accessible for review.

Innovura

Oct 2023 - Nov 2023 , Sep 2024 - Nov 2024 (3 months)

Frontend developer

- **Forge App Development:** Developed and optimized applications within Atlassian's ecosystem, emphasizing the creation of responsive and efficient user interfaces. Technologies used include **React**, **TypeScript**, **CSS**, and **Zustand** for effective state management.
- **Data Management:** Implemented Forge Storage as a document-based database to facilitate streamlined data storage and retrieval within the application architecture.
- **Version Control and Code Management:** Leveraged Git for version control, enabling collaborative development, tracking of code changes, and management of feature branches to maintain an organized project workflow.
- **Agile Methodology and Kanban Framework:** Employed Agile principles and utilized Kanban boards to effectively organize and prioritize tasks, breaking down user stories into manageable, actionable tasks.
- **Team Collaboration:** Engaged in daily team discussions to enhance code quality, troubleshoot issues, and contribute to the development of high-quality, maintainable software solutions.
- Utilized popular React libraries such as FullCalendar, AG Grid, and Atlaskit to develop dynamic and efficient user interfaces.
- Recommendation letter: [google drive link](#)

Insightter

Feb 2025 - Nov 2025 (10 months)

Frontend developer

- Developed and maintained a dynamic **admin dashboard**, focusing on features like a **query-builder** and **data visualization** through various chart types, ensuring business insights were easily accessible for decision-making.
- **Transformed Figma designs** into fully responsive and interactive web pages, delivering sleek, functional interfaces.
- Built **guards** for permissions and role-based access control, enhancing security and user management.
- Integrated Customer Data Platform (CDP) functionalities to streamline data handling and user interactions.
- Worked independently as the sole frontend developer, taking ownership of UI/UX implementation and optimizations.
- Enhanced dashboard performance by transitioning pages from Client-Side Rendering (CSR) to Server-Side Rendering (SSR), improving load times while maintaining interactivity where needed.
- Leveraged Next.js, TypeScript, Tailwind CSS, ShadCN, and React to craft seamless, high-performance applications.

PROJECTS

Future Reframe Dashboard

A **multi-role admin dashboard** supporting **admins** and **company accounts** (service providers, retailers, and manufacturers).

- Implemented a **role-based access control (RBAC)** system with granular permissions and role-specific workflows.
- Enabled **multi-language support (English and Arabic)** using **next-intl**.
- Integrated **foreground** and **background push notifications** using **Firestore Cloud Messaging (FCM)** and a **service worker**.
- Built **analytics and reporting dashboards** using **ApexCharts** to visualize business metrics.
- Managed global application state using Zustand and the Context API for scalable and predictable state management.
- Implemented **real-time messaging** between companies and mobile app users using **WebSockets**.
- Applied **Server-Side Rendering (SSR)** with **Next.js** to improve **performance**.
- Developed the application using **Next.js**, **TypeScript**, and **Tailwind CSS**.
- Customized and extended the **ECME Admin Template (ThemeForest)** to meet specific business and UI requirements.

Poplina

A **production-ready admin dashboard** for a mobile e-commerce application, enabling **full CRUD operations** for orders, users, products, offers, coupons, categories, brands, and banners.

- Implemented **Server-Side Rendering (SSR)** using **Next.js** to improve application performance and page load times.
- Integrated **real-time push notifications** using **Firestore Cloud Messaging (FCM)** and **service workers**.
- Built **analytics and reporting dashboards** using **ApexCharts** to visualize business metrics.
- Managed global application state using **Zustand** and the **Context API** for scalable and predictable state management.
- Implemented **internationalization (i18n)** with **next-intl**, supporting **Arabic and English** languages.
- Customized and extended the **ECME Admin Template (ThemeForest)** to meet specific business and UI requirements.

Travel Helper – Graduation Project

Damascus University, Department of Computer Engineering

A **trip-planning web application** tailored to user preferences, including **budget**, **group size**, **trip duration**, **destination types** (natural, nightlife, shopping, historical), and **food preferences**.

- Implemented an **interactive map** to visualize itineraries and assist users with trip navigation using the **TomTom maps** library.
- Implemented **shortest-path route calculation** using **Dijkstra's algorithm** to generate optimized travel routes.
- Built a **content-based recommender system** to suggest destinations based on user preferences using **TensorFlow** and **Pandas**.
- Developed a **RESTful API** using **Flask** to expose the recommendation model and integrate it with the **frontend application**.
- Developed the frontend using **React** and **TypeScript** and the backend using **Laravel**.
- Designed and managed the database using **MySQL**.
- GitHub Repo: <https://github.com/mhmd-k/Tourism-System>

EDUCATION & CERTIFICATIONS

Computer Engineering

Damascus University (2018 - 2024)

Grade: 75.84/100 (very good)

Meta - Advanced React

Skills: **React**, **React hooks**, **higher-order components**

Meta - Version Control

Skills: **Git**, **Github**, **Command Line Interface (CLI)**

freeCodeCamp - Front End Development Libraries

Skills: **React** · **SASS** · **jQuery** · **Redux** · **Bootstrap**

Other certifications can be found in my LinkedIn profile.

SKILLS

HTML, CSS, Javascript, Typescript, React.js, Tailwind CSS, Bootstrap, Shadcn UI, Material UI, State Management, Next.js, Git, CLI, SQL, MySQL, Agile.

LANGUAGES

- Arabic: Native
- English: Advanced (EF Set English Certificate 76/100 - C2 Proficient)