Karim Tariq Salim

A Frontend Developer with 3+ years of experience, I have a passion for solving problems and creating innovative solutions using cutting-edge technologies. I have worked on various projects involving C# .NET, TypeScript, React and Next.js

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WORK EXPERIENCE

Bank Muscat (Banking Sector), Muscat—Front-End Engineer

Software House in Oman, **Aug. 2022** - **Present**

Internal CSR System - Developed a user-friendly online banking portal with features such as real-time account balances, transaction history, and fund transfer capabilities that resulted in a **30%** improvement in page load times for the Internal CSR System, using **TypeScript**, **Redux**, **React**, **Bootstrap**, **CSS**, and **HTML**.

Successfully resolved performance bottlenecks through code optimization, caching strategies, and efficient data fetching techniques using **React**.

Internal PR System - Conveyed to change the old UI by having direct communication with customers for the website that was used by the employees using **JavaScript Es6**, **Angular.js**, **Bootstrap 5**, **jQuery**, **RESTful APIs**, **HTML**, **CSS**, **C#**, and **SQL**.

Saving Accounts - Thrived in developing a new website that aids in the development of saving accounts of Bank Muscat users by **30%** by applying asynchronous request handling with **JavaScript Es6**, **RESTful APIs**, **Angular.js**, and **Bootstrap 5.**

Achieved a **20%** reduction in fraudulent activities, enhancing the bank's security posture from **XSS** and **clickjacking** attacks.

Bank Muscat App - Contributed to the development of a cross-platform mobile banking application, enabling users to perform transactions, check balances, and receive push notifications for account activities using **React Native**, **Redux**, and **TypeScript**.

Collaborated with senior engineers to design, implement, and maintain a highly responsive and user-friendly online banking portal, enhancing real-time account balances, transaction history, and fund transfer capabilities.

TelyPay (Fintech), Muscat — Senior Front-End Engineer

Software House in Oman, **October 2022–present** - **Part Time**

Led the Front-end development team in creating a robust payment processing system, integrating with multiple payment gateways for secure and efficient financial transactions. Utilized **React** and **TypeScript**.

Maaly App - Played a key role in migrating **Maaly App** from **Flutter** to **React Native**, improved page load times, resolved performance bottlenecks which contributed to **30%** in performance and UI enhancements using **TypeScript** and **Material-UI**.

STACK

Front-end: JavaScript, TypeScript, React.js, Next.js, React native,, Redux, Axios, unit testing (Jest), Bootstrap 5, HTML 5, CSS 3,Figma, Rest-API's, React Query, Material UI, Postman, GraphQL.

Back-end: C#, .net 6, Node.js,, MongoDB, Git, PostgreSQL, Docker, MySQL, azure, SQL, Entity Framework, Vercel

LANGUAGES

Arabic, native
English C2, fluent
German A1, beginner

CERTIFICATES

AWS Certified Developer, Associate - In Progress

Azure Developer Associate - Achieved

The Web Developer Boot camp 2022 Udemy - Achieved

C# Programming from University of Co - Achieved

EDUCATION

I have experience working with **Jira**, **Git**, and **Agile** methodologies, including **Scrum** and **sprints**, gaining valuable hands-on experience in troubleshooting, ability to work under start-up high pressure and resolving issues in the production environment.

TelyPay Landing Website - Significantly improved TelyPay Landing Website, enhancing ranking, security, and responsiveness. Reduced click-jacking by **50%**. Technologies used: **Next.js**, **TypeScript**, **Zod**, **SCSS**, **CSS**, **Cypress** and **Jest**.

Maaly Invoice Website - Achieved a **65%** improvement in Maaly Invoice Website's performance, UI, and security. Technologies include **TypeScript**, **React** (Tsx), **Redux**, **Material UI**, **Styled components** , **Zod**, **RESTful APIs**, **Jest** unit testing, CI/CD with Atlassian **Jira** , **Agile** and **Git**,

Maaly Invoice Admin Panel Website - Successfully built an admin panel improving performance optimization and user experience. Technologies used **Node.js, express.js**, **TypeScript**, **React.js**, **Material UI**, Styled components, **Restful APIs**, **Zod, PostgreSQL** & **Docker** for containerization and seamlessly integrated **AWS S3 bucket** to fetch and display images on the front-end and CI/CD with Atlassian **Jira, Agile** and **Git**,

Maaly insights Admin Panel - Led the frontend team in developing an admin panel, incorporating **GraphQL** for enhanced features and flexibility. Technologies used: **TypeScript**, **React.js**, **React Query, Material UI**, **Zod, Restful APIs** & **Docker** for containerization and integrated **AWS S3 bucket** for efficient image retrieval and display on the front-end.

Kalsoft (Software House), Muscat—Junior *Software Engineer*

Software House in Oman, **March 2022–August - Aug 2022**

Legal System (Oman Housing Bank): I was able to develop a website for Oman Housing Bank that handled 200 users creating legal cases and dealing with loan issues, stack used: **.NET 6** , **C#**, **JavaScript Es6**, **jQuery**, **React.js**, **Redux**, **Jest** , **AJAX**, **Bootstrap 5**, **HTML5** , and is used for continuous deployment of code from Github repos.

Tender Board Project (Gstb): Collaborated on the development of the Tender Board project utilizing **Typescript**, **Redux**, **React**, **Jest**, **.NET**, **WebForms**, **Bootstrap**, and **CSS**. Contributed to the design and implementation of user interfaces, ensuring a responsive and visually appealing experience for users interacting with the platform.

Loan System (Oman Housing Bank): Managed to improve website front-end and responsiveness by **15%** for the Oman Housing Bank's old website using **JavaScript**, **Bootstrap 5**, **jQuery**, and **HTML5**.

Complaint System (Oman Housing Bank): Developed the entire front end of the internal system independently using **JavaScript**, **jQuery**, **Bootstrap 5**, and **HTML5**.

External Website (Petroleum Development Oman): Successfully implemented a PDO website using **.NET 6**, **HTML5**, **CSS3**, **JavaScript**, and **SQL**. This project involved the creation of web forms, database integration, and front-end development to deliver a user-friendly and functional web application.

Internal portal panel (Gstb): Managed to implement an admin website using **.NET 6**, **HTML5**, **CSS3**, **Typescript**, **Redux**, **React**, **Jest** and **SQL**. This project involved the creation of web forms, database integration, and front-end development to deliver a user-friendly and functional web application.

Tender Board external website (Gstb): Managed to implement an external website with **.NET 6**, **HTML5**, **CSS3**, **JavaScript**, and **SQL**. This project involved the creation of web forms, database integration, and front-end development to deliver a user-friendly and functional web application.

My Project

Oct 2023 - **present**

This software is designed to prevent food waste by focusing on affordable and environmentally friendly eating options for users. It will soon be made available to be utilized by customers and retailers in the app store. For this project, **React Native Expo**, **TypeScript,.Net 8**, **Rabbit MQ**, **CQRS** architecture, **C#**, and **Postgresql** was utilized.

Remote — *Freelance Software Engineer*

Feb 2022

Currency Converter: I managed to develop a simple currency converter that converts EUR, USD, and CHF rates (all ways). The application will have two primary views: a form containing the value to be converted from and to currencies, as well as a table containing the history of all currency conversions. **React.js, Javascript**, **CSS3**, and **HTML5**.

Open Source

Hedy Project:

10/2023 – present | Netherlands

This is an open source project that utilizes **Python**, **CSS**, **Tailwind**, **Docker**, **TypeScript** and **JavaScript**.

TypeHero

12/2023 – present

Inspired by my passion for **TypeScript**, I found this website to enhance my skills in the language. I decided to contribute to the community, adding value to the project that utilizes **Prisma**, **Docker**, PlanetScale, **TypeScript**, **Git**, **Node.js**, and **Express.**

German University of Technology, Muscat— Research Assistant , *Full-time*

University in Oman - **Sep. 2019** - **Nov 2021**

Smart Glasses - *was involved in a research project to create glasses for blind individuals that significantly improved their awareness of their surroundings.* **Python**, *Jetson Nano*, *AI*, *and* **ML** *.*

Tutoring - Succeeded in tutoring and breaking down complicated topics in theory of computing, logic and statistics, and data structure using **Java.**

PROJECTS

Calculator: Using **Go**, **gRPC**, and **Docker**, I created a client request management system. I enabled flawless bidirectional and real-time communication between the server and client by using the power of **gRPC**, a high-performance and efficient framework.

Camping Site: Succeeded in creating Full stack Website (Managed to create a website for camping lovers to share and explore camping spots using **NodeJS**, **ExpressJS**, **MongoDB** Atlas, **PassportJS**, **Flash**, and **MongoDB** for the backend, and **HTML5**, **BootStrap5**, **EJS**, and **JavaScript** for the Frontend).