

Tarek Roukos

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SKILLS

Engineering

- **Programming languages:**
JavaScript ES6, C#, TypeScript.
- **Infrastructure:**
Docker, Kubernetes, Elasticsearch, REST APIs, GraphQL with Apollo Client.
- **Framework and Libraries:**
React js (v16+) - Hooks, Context API, Custom Hooks,
Angular.js (v1),
Angular (v9+)
Material ui (v4+),
Redux and Context API,
LocalForage and IndexedDB for data persistence.
- **Architecture & patterns**
Component based architecture,
Reusable component development,
Service layer pattern, singleton pattern.
- **Tools & Version Control** – Git, NPM, PNPM, Yarn.
- **Operating Systems** - Linux, Windows.
- **Database**- Postgres, MySQL, client-side data caching.
- **Agile Methodologies** – SCRUM

General

- **Language Skills** - Fluent English (no accent), and Arabic, Beginner French

EXPERIENCE

SerVme

Software Engineer

Beirut, Lebanon

2021-Present

- Consuming and editing PRD and feature designs, estimating feature length, creating customized dashboards, automating data transformation using APIs, and implementing tools like ticketing systems and reporting platforms.
- Developed and maintained web applications using AngularJs and ReactJs.

- Migrated legacy code from AngularJs to ReactJs using micro frontend architecture such as cross-framework communication using postMessage API from parent to iframe and iframe to parent.
- Integrated WebSockets using pusher events for real-time notifications to update the application state through redux.
- Used material UI (User Interface) for building the CSS (Cascading Style Sheets) and Scss/Sass.
- Offline support using localForage and indexedDB to cache data for data persistence.
- Implemented comprehensive API integration layer consuming RESTful APIs and GraphQL queries, for GraphQL used Apollo Client, featuring dynamic filtering, sorting, and pagination.
- Recently transitioning to TypeScript, and Microservices.
- Built reusable components including Data tables, pagination, and layout containers.
- Built prop and state-based components to handle conditional rendering.
- Managed Global data with Redux and Context Provider such as user login, themes etc.
- Used NPM for package management.
- Managed codebase using Git workflows, including branching, merging, and rebasing strategies.
- Handled and fixed bug tickets, met with QA members to discuss bugs and issues related to features.
- Meet with design team members to handle front end features.
- Testing, investigating and resolving technical issues.
- Collaborating and communicating with the rest of the team on work in progress and any blocking issues.
- Debugging and adding features on the original platform using AngularJs and ReactJs.

CME

Junior Software Engineer

Beirut, Lebanon

2019-2020

- Developed RESTful APIs in C# EfCore code first approach
- Created Database Models and ViewModels
- Worked slightly with SQLserver and PostGress
- Logged API data using SeriLog
- Created and handled authorization and authentication using Identity Server
- Applied Mediator design pattern
- Created managed and debugged LINQ operations for API requests
- Developed and enhanced middleware applications/features in C#
- Gained knowledge of modern JavaScript technologies with React and Javascript ES6
- Hid components and screens according to user login (conditional rendering)
- Developed Application Portal to manage users and teams using ReactJs (React Hooks)
- Developed reusable components
- Used Yarn and NPM for package management
- Used Axios to handle HTTP (HyperText Transfer Protocol) request
- Managed Global data with Context and Context Provider (themes, login status)

- Handled updating and managing desktop application based on electron
- Was responsible for creating and adding new features and feature flag to the application
- Used Material UI and Material Design for CSS related development of the Portal and the Desktop App
- Helped in creating and applying the design for both portal and desktop app
- Handled UX and UI for both portal and desktop apps
- Was a member of decision making in most aspects regarding design implementation

EDUCATION

Lebanese American University

Bachelors in Management Information Systems

2013-2018

- Minored in Computer Science

CERTIFICATIONS

<https://www.hackerrank.com/certificates/93f72b72b7e6>