

## Osama Riaz

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A self-motivated developer with a proven track record of delivering projects on time and within budget and implementing business requirements in an agile environment. Developed a number of small to large-scale projects using different Javascript technologies like Node.js and its frameworks like Express.js, Nest.js, with experience integrating them with React front-end frameworks, Angular and Vue. Familiar with integrating Stripe, Twilio, Sendgrid, and many other third-party applications for a smooth user experience.

### Academic Summary:

BS-Computer Science

### Tech Stack/Skills:

- **Languages:** JavaScript, Typescript, Golang
- **Web Development:** JQuery, AJAX, MySQL, Firebase, React, Angular, Ionic, Webpack, Next.js, GraphQL, Prisma
- **Build Tools:** GitHub Actions
- **Version controlling:** GIT, Bitbucket, Gitlab
- **Database:** MSSQL, MySQL, Firebase, MongoDB
- **Work Environments:** Agile Scrum, Scrum master, Kanban

### Work Summary:

#### FinTech SaaS – Web Application

**Environment:** React, Redux, Kanban

**Duration:** March 2021 - Dec 2022

**Outline:** Finmark is financial planning software for startups; making it simple for companies to manage their runway, hiring, and cash.

#### **Responsibilities:**

- Developing new features on Frontend by integrating REST APIs.
- Creating and managing custom components without using any UI libraries.
- Creating and managing components on top of AG-Grid and Highcharts.
- Understanding business requirements, giving estimations and working on them by communicating with team members.
- Follow practices that are being used in all tasks and do peer PR reviews.
- Maintaining and writing new tests using cypress and React testing library

#### B2B Marketing Application – Web Application

**Environment:** React, Redux

**Duration:** July 2020 - Feb 2021

**Outline:** xiQ's all-in-one, AI-powered marketing platform enables the creation, curation, design, execution, and analysis of campaigns. xiQ Analytics provides a comprehensive and consolidated view of engagement, intent data and personality analysis for each prospect.

#### **Responsibilities:**

- Develop new features on Frontend by integrating REST APIs.
- Optimized legacy code which was built using JQuery and reduced website rendering time.
- Modifying React application to make it run within Microsoft TEAMS.
- Implementing Single Sign On.
- Developed a new React application using Typescript, and Redux.

#### Career Development Portal – Web Application & Backend Processes

**Duration:** Jan 2020 – Mar 2020

**Environment:** React, NodeJS (Express), Kanban, JIRA, MYSQL

**Outline:** A platform to recommend jobs and courses based on user skills and to help the user see where they stand in their respective fields by analyzing their Skillsets. Jobs data is scrapped from different sources that have Jobs related to the Middle East market. Moreover, the project required to implement AWS SQS.

**Responsibilities:**

- Understanding the business requirements, development of new functionalities, the addition of new features in existing functionalities and fixing issues in previously developed features and functionalities.
- Created and managed REST APIs using Express (Node.js) and MySQL.
- Used AWS SQS to get messages from the queue and after processing store the data into the database.
- Supervising Web Team for better project delivery.
- Creating responsive front-end applications using React.

### **Blockchain Donating System – Web Application & Backend Processes**

**Environment:** React, Angular, NodeJS (Express), SCRUM, JIRA, MYSQL, Swagger (Documentation), Stellar Blockchain, Firebase, Sendgrid, Stripe

**Outline:** BitMal is an easy-to-use platform which provides services and connects non-profit organizations to help people in need. Services include donating the NGOs and social entrepreneur's projects for volunteers, who help people with BitMal tokens and a wallet system to store and donate tokens.

**Responsibilities:**

- Development of REST APIs and API documentation and maintenance using Swagger.
- Dividing and assigning different tasks to team members for better project delivery.
- Creating Front-End using Mock APIs for early demos for the client.

### **Location Based Alert System – Web Portal & Backend Processes**

**Environment:** React, NodeJS, PostgreSQL, SCRUM, Twilio, Sendgrid, Firebase

**Outline:** The EmergenceMe platform is location-based helping you and your loved ones to get alerts via SMS, email or push notifications. It uses different third party applications like sendgrid and twilio to send emails or sms (voice and text) to the people which you have added in the system and those which are around the area where an emergency has happened.

**Responsibilities:**

- Creating and managing new functionality of front-end applications.
- Optimize Map handling for a smooth user experience. Managed to plot thousands of alerts on the map without freezing the whole application.
- Reduced the SMS delivery time from 10 min to 5 min.

### **Social Networking – Web Application**

**Duration:** Jul 2018 - May 2019

**Environment:** Firebase, NodeJS, React, Elasticsearch

**Outline:** A social networking website to connect like-minded people through their shared hobbies. People can send messages (Text, Images, Videos, Voice) to each other. Follow each other, post their daily activities.

**Responsibilities:**

- Re-writing the complete backend using Firebase cloud functions and implementing new features like chat, Facebook-like notifications, Twitter-like tags etc.
- Implemented Elasticsearch for features like full-text search and tag system.
- Communicating with the client to get a better understanding of the requirements, analyzing the solutions and dividing them within the team.
- Writing multiple triggers to keep the data consistent like whenever users update their picture, all old instances would update.