

# MUHAMMAD REHAN ALI

## Software Engineer

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## EXPERIENCE

### Software Engineer

#### Focusteck

📅 Jun 2023 – present

📍 Lahore

- Developed the Orixia App using React and integrated Firebase APIs.
- Extended features of Aifa App by writing REST APIs in NodeJS, integrating them into the React App.
- Contributed to the development of the RJLaws mobile app as a React Native developer.

### Software Developer

#### EMI Fusion

📅 Jun 2022 – May 2023

📍 Lahore

- As a front-end developer, made significant contributions to various projects, which encompassed tasks related to designing admin dashboards, user portals, and the improvement of a customer-facing site and a mobile app.
- Employed React Bootstrap and Material UI to accurately translate app designs from Figma.
- Utilized Redux Toolkit for efficient state management within apps.

## PROJECTS

### Orixia App

#### React - Firebase

- Served as a Frontend Developer for the Orixia, a web app designed for monitoring plant growth.
- Retrieved plant data from a firebase and rendered data as geolocation points on a map, enabling users to visualize plant locations.
- Utilized the MapboxGL library for visualizing map and plant markers.

### AIFA App

#### MERN Stack - Typescript

- Contributed to Aifa App as a Fullstack Developer, an app designed to help users keep record of their expenses and all kinds of transactions.
- Implemented OCR to extract transactional data from images.
- Improved the user experience by simplifying transaction data entry.

### HERZMANN Medical Portal

#### React - Javascript

- HERZMANN Medical System includes embedded medical devices used in OT and medical wards.
- Developed admin web portals to configure medical devices and user dashboards to monitor various parameters in surgical rooms.
- Utilized Redux Toolkit for efficient state management and Formik for form validations.

## EDUCATION

### BACHELOR OF SCIENCE, COMPUTER SCIENCE

#### Namal Institute Mianwali (UET Lahore)

📅 Sep 2018 – May 2022

CGPA:3.65

### FSC. PRE-ENGINEERING

#### Superior Group of Colleges, Mianwali

📅 June 2017

## SKILLS

React

React Native

Redux Toolkit

React Native CLI

Expo CLI

NextJS

Javascript

Typescript

HTML

CSS

SCSS

Bootstrap

Material UI

Git

Formik

JSON

REST API

NodeJs

Express

MongoDB

Firebase

SQL

## CERTIFICATIONS

- Successfully completed the JavaScript Algorithms and Data Structures course from FreeCodeCamp
- Successfully completed the Responsive Web Design course from FreeCodeCamp

## COURSEWORK

- Data Structures and Algorithms
- Object- Oriented Programming
- Software Engineering
- Mobile Application Development
- UI / UX
- Intro to Human-Computer Interaction
- Web Technologies
- Artificial Intelligence