

MUHAMMAD ZOHAIB IMTIAZ

BS (Computer Science)



ALL ABOUT ME

I am a quick learner and a good problem solver. Always open to learn new technology and create some innovation. I am good at analytical and communication and leadership skills. Experience in managing and working in a team.

TOOLS AND TECHNOLOGIES

- Visual Studio 2015/2017
- Android Studio
- Tableau
- Firebase
- .Net
- VS Code
- Pycharm
- C/C++
- Node.js
- C#
- Python
- SQL
- Kotlin
- Java
- Web development
- Android development

SKILLS

- Ability to Analyze Complex Technical Information
- Consistently Seeking and Learning New Technology
- JavaScript, React, NodeJS, AdonisJS and Python work experience while C++, C#, Java, Kotlin, PHP and Python academic experience
- Participate in Source Code and Design Reviews
- Strong Problem Solver
- Strong Oral and Written Communication
- Thrive in Dynamic, Fast-Paced Environments
- Transform Requirements into Design Concepts and ERDs
- Manage Multiple Projects in a Deadline-Driven Environment

EDUCATION HISTORY

FAST-National University of Computer and Emerging Science

Bachelors in Computer Science | Class of 2015 - 2019
CGPA 2.61

Forman Christian College

F.Sc (Faculty of Science) in Pre- Engineering | Class of 2013

Lahore Grammar School

O-level (Cambridge)

CONTACT DETAILS

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UNIVERSITY PROJECTS

GoShop (Final Year Project)

It is an android application which provides the service to buy grocery and pick and drop of items. Firebase real-time database is used for data storing. Google maps API is used for real-time tracking. Recommendations are generated for better user experience. The Recommendation System is implemented through Market Basket Analysis and FP-Growth.

Police Reporting System

An online report system for crime to be reported by civilians to police. It is implemented in Bootstrap, HTML, CSS, JavaScript (jQuery, Ajax), PHP using PDO.

Crime Zone Detection

It is implemented in ArcGIS. A dataset is collected which defines the crime rates in a specific area. It helps users to avoid visiting such places.

Live feedback of emotion using face expression

Python script is written which analyzes the face expression of the customer.

Plagiarism Detection

A C++ program which detects the plagiarism from both (document and program).

Library Management System

It was developed in 2 languages separately (C++ and JAVA). It provides Librarian the ease in keeping track of books, their condition and prices and the users and their dues or fine.

Messenger

It is a desktop application, developed in C# and SQL-lite. It provides both private and group messaging.

Cipher Encryption and Decryption

C implemented code for caesar cipher, substitution cipher and vigenere cipher.

Mini Google Maps

A C++ program which uses the picture from google maps and gives the shortest distance from source to destination.

2048 Game

C++ implementation of 2048 game. multiples of 2 are generated and same numbers are added to form 2048.



EXPERIENCE

Company: Experts Cloud Private Limited, Lahore, Pakistan

Dec 2018 - Dec 2021

Position: Software Engineer

Technologies: Node.js, React.js and React Native

Responsibilities:

1-Backend :

- Be involved and participate in the overall application lifecycle.
- Main focus on coding and debugging.
- Collaborate with Front-end developers.
- Define and communicate technical and design requirements.
- Build high-quality reusable code that can be used in the future.
- Develop functional and sustainable web applications with clean codes.
- Stay up to date with current best practices.
- Troubleshoot and debug applications.

2- Frontend :

- Develop new user-facing features.
- Build reusable code and libraries for future use.
- Ensure the technical feasibility of UI/UX designs.
- Assure that all user input is validated before submitting to back-end.
- Collaborate with other team members and stakeholders.
- Create quality mockups and prototypes.

3- React Native Android Application :

- Leverage native APIs for deep integrations.
- Diagnose and fix bugs and performance bottlenecks for performance that feels native.
- Reach out to the open source community to encourage and help implement mission-critical software fixes—React Native moves fast and often breaks things.
- Work with outside data sources and API's.
- Continuously discover, evaluate, and implement new technologies to maximize development efficiency.

PROJECTS & RESPONSIBILITIES

GiddyOps: This project is focused on the analysis and statistics of companies various regions and service centers.

Management of employees and time of service centers. Earnings, rates and information tracking of services offered by service center. For better understanding and overview graphs are also introduced. Backend is developed in Python with Serverless framework and database is built with alembic and SQLAlchemy. Currently on going and Mapbox implementation have been done.

Sonic Staff: The project is used to get the workers for a shift created by employer of a company. Making a smart way of gathering workers with their experience and bio information all in one place. Secure payment method has been applied for payment to workers on mobile application. Workers only get to use the mobile application and Employers manage the shifts and job on web application. Twilio and Stripe are also used in this project.

Optimal HCM: The project creates the table for company and shows the current consumption of human resources. With the help of custom generated reports helps to identify which department in company is consuming revenue more than market and which are underpaid to help manage the revenue and profit with the prediction of future development in resources.

Company: Afiniti, Lahore, Pakistan

Dec 2021 - Present

Position: Software Engineer

Technologies: Node.js, React.js and Typescript

Responsibilities:

1- Frontend :

- Develop new user-facing features.
- Build reusable code and libraries for future use.
- Ensure the technical feasibility of UI/UX designs.
- Assure that all user input is validated before submitting to back-end.
- Collaborate with other team members and stakeholders.
- Create quality mockups and prototypes.

PROJECTS & RESPONSIBILITIES

Quick-Configuration: Application developing to abstract complicated process of creating and starting up the support center for the layman. Responsible for managing project performance. Communicating with team and manager to stay up to date with requirements and discuss any ambiguity before hand to avoid stress work loads in fixing them.