

Humza Tareen

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Education

National University of Science & Technology (NUST)

(IOS Ranking#334 & #1 in Pakistan)

2020 – 2024 (Expected)

Bachelor of Computer Science

Skills

Languages: C, C++, Python, Java, Dart, JavaScript, Html, CSS

Technologies: Flutter, Firebase, React.js, SQL, MySQL, IBM DB2, Jupyter Notebook, MongoDB, Express.js, Angular.js, Node.js

Version Control: Git, GitHub

Professional Experience

WALEE

MEAN Stack Intern

Remote

November 2022

I had the opportunity to learn full-stack web development using the MEAN Stack during this time, and I also worked with several development teams, which helped me get familiar with business development and communication procedures.

Tech Stack: Mean Stack

Inlights

Flutter Developer

Remote

September 2022 – December 2022

To prevent any delays in emergency response, I created a mobile application prototype for emergency vehicles with priority signal time.

Tech Stack: Flutter & Firebase. **State Management:** Provider **Architecture:** MVC

Shaderbytes

Flutter Developer

Remote

September 2022 – October 2022

As required, I created several flutter apps for global clients, worked with a team across three time zones, and debugged previous projects.

Tech Stack: Flutter & Firebase. **State Management:** Provider, GetX. **Architecture:** MVC

Freelance

Mobile App Developer

Remote

July 2022 – August 2022

Developed PalMy, a social app for people to interact based on their common location. The Flutter app used REST APIs for interactions and Firebase for realtime-chat along with multiple Google APIs. The support for multiple languages was also added. App is planned to be launched on App Stores soon.

Tech Stack: Flutter & Firebase & Cloud APIs. **State Management:** Provider. **Architecture:** MVC. **APIs:** Google Cloud & REST APIs

NUST

Mobile App Developer

Islamabad

August 2022 – September 2022

I was entrusted with creating a one-stop shop for guests from around the globe to check programme schedules and get to the venue unaided. The app was created with Flutter and Firebase and then published to the Google Play Store.

Tech Stack: Flutter & Firebase. **State Management:** Provider. **Architecture:** MVC

Mobile App Developer Intern

January 2022 – March 2022

Developed a cross platform app based on Flutter for the Learning Management System (LMS) which will be used by students all over NUST on daily basis. It will be launched on Android and IOS

Tech Stack: Flutter WebView for Android & IOS. **Architecture:** MVC

Java Developer Intern

June 2021 – Aug 2021

Developed a Binary Search Tree game in java using JavaFX which improves analytical skills of young kids and teach them the core concepts of binary search tree easily.

Tech Stack: JAVA, JAVA FX. **Architecture:** MVC

Projects

Obesity Management System

Developed Obesity Management System using React.js, Node.js, PHP and MySQL. It is part of research collaboration with Prof. Sungyoung Lee of Kyung Hee University, South Korea.

Tech Stack: ReactJS, NodeJS, PHP, HTML, CSS. **Architecture:** MVC

Hypertextual Web Search Engine

Developed a search engine for Data Structure & Algorithms Course. It was based on [the initial research paper of Google](#). It was implemented using Python and Flask Server.

Tech Stack: Python, Flask. **Architecture:** MVC

Volunteer Work

Royal Cyber Inc.

Campus Ambassador

Islamabad

January 2022 – Present

Organized a seminar "Full Stack Ecommerce Development" which discussed different aspects of Salesforce CRM. Plus this event was a chance to introduce Royal Cyber to the students of SEECS, Nust

Google Developers Fest Islamabad

Event Head

Islamabad

Dec 2021

Worked with a team of 40 and organized one of the largest tech events in Islamabad in collaboration with Association of Computing Machines (ACM) Nust and Google Developer Group (GDG) Islamabad. The event was attended by 700+ audience. I had to manage the team as well as coordinate with external and internal partners of the event.

Certifications

- Complete Flutter Certification by Angela Yu (Udemy)
- IBM Data Science Professional Certificate