



# Muhammad Khurram Shahzad

## Professional Goal

I'm eager to secure a Software Development role where I can excel in crafting user-friendly mobile applications using **Flutter** and ensuring robust back-end functionalities with **Laravel**. My objective is to deliver high-quality solutions that meet client expectations and contribute to my organization's success.

## Get in touch!

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### Linkedin

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### Github

[Git Repository](#)

## Achievements

- Awarded as **Employee of the year** in Koderspoint due to outstanding contributions and commitment as a Flutter Developer.
- Also awarded as **Employee of month** in Aug. 2023.
- Secured **1st Position** in IT department in last 2 years.
- Awarded by **Performance based Scholarship** in complete duration of degree.

## Academic History

### BS Information Technology (4 years):

Pir Mehar Ali Shah Arid Agriculture University Shamsabad RWP

Completed in July 2022 with **CGPA: 3.92**

**Intermediate:** Army Public College Ord. Rd. RWP with 75% marks.

**Matriculation:** Army Public College Ord. Rd. RWP with 86% marks.

## Courses

- Dart and Flutter: The Complete Developer's Guide from **udemy**.
- Mobile App Development using Dart & Flutter from **PSEB**.
- Laravel (WsCube Tech)
- Native android app-development (continue)

## Professional Experience (2+ Years)

- **Koderspoint (continuing) (3 apps live):**
  - Client base company where i have worked on several projects.
    - Mid-Senior Flutter Developer (March 2023 – Present)
    - Junior Flutter Developer (Feb 2023 – March 2023)
    - Junior Laravel Developer (Nov 2023 – Present)
- **Khastech Solutions (2 apps live)**
  - Flutter internee to Junior Developer (July 2022 - Dec 2022)
- **University (Teacher Assistant)**
  - Worked as Teacher Assistant(TA) in university due to Performance Based Scholarship.
- **UK-Based Call Center**
  - 2 Month duration in UK based call centre in summer during degree.

## Rest APIs / Back-end

### • Laravel

- Rest APIs, Admin panels using Blade views, Hosting, ORM, migrations, routing, middlewares, grouping etc

### • Flask

### Also

- Good Database skills in MS Sql, SQLite and Oracle Sql.
- Github, Git-lab, Bit-Bucket
- Have sound knowledge of Data structures.
- Console base Applications ( C, C++, C#, Java, Python )
- Basic Desktop Applications ( C#, Java Swing )

## Flutter Skills

- Responsive multi-screen apps.
- State management using **GetX, Provider & BLoC**.
- Navigator 1.0 & **Navigator 2.0**.
- **Deep Links & Push Notifications**.
- **Payments** using stripe.
- Platform integration code using **Method Channels**.
- **Google Maps & Localization**.
- **MVC & MVVM** design pattern.
- Text editors i.e. **AppFlowy and FlutterQuill**.
- **Audio video calling** using ZegoCloud.
- Reactive programming using **streams & RxDart**.
- Sound knowledge of **Reactive Forms & Rest APIs**.

## Flutterfire

- Analytics
- Authentication
- Cloud Messaging
- Crashlytics
- Dynamic Links
- In App Messaging
- Cloud Firestore
- Cloud Storage
- Realtime Database

## Additional Skills

- Public Speaking
- Communication (Eng, Urdu)
- Situation Handling

## My Published project using Flutter:

### At Koderspoint:

- **eleMED™** ([Android](#), [IOS](#))
  - Medical care app for patients to schedule appointment from home. App contains 4 modules (Patient, Doctor, Dispatcher and Driver). Key features includes, Back-end server using Laravel, OAuth authentication, Firebase **realtime chatting**, **video calling** using Zegocloud, **payment** integration using Stripe, **live-tracking** of ambulance using google map and firebase, **onesignal** for push notifications.
- **MyClickerr** ([Android](#), [IOS](#))
  - It is a photography directory and booking platform designed to hire photographers for special occasions. Implemented using bloc and provider. Key features are: back-end using laravel, firebase **real time** chatting, **payment** using stripe, **caching** using sqflite, photographer portfolio, **onesignal** for push notifications, booking location using **google map**, market place using **webviews**,
- **Dressage Coach** ([Android](#))
  - It is a facilitation and booking app for both riders and coaches where Coach can Import rider profiles, Create lessons with an unlimited number of riders, Take notes during lessons, Capture pictures and videos to track progress, Share notes, pictures, and videos with riders, Plan upcoming lessons and conveniently share them, Access and review notes, pictures, and videos from previous lessons.
  - Similarly rider can Add horses to their profile, each, Receive timely notifications from their coach, Accept coaching invitations, Stay informed about upcoming lessons, automatically added to their calendar upon acceptance, Access and review notes, pictures, and videos from previous lessons, Identify specific areas that require further training.
  - Implemented using **MVVM** design patterns, **Flutter Bloc and Firebase** is used on Flutter side and **Laravel** on Back-end.
- **Grandma's Recipes:**
  - A recipe app which helps user in cooking. Implemented using Provider and firestore. Its user and admin side are both implemented in flutter. User get notify using push notification whenever admin adds new recipe. It provides user features i.e. recipe rating, adding to favorite list, searching etc.
- **MeMood:**
  - Accessibility app for saving user feelings and moods i.e. his feelings, behaviours and actions. Key features includes: **scheduled notifications**, **in-app-purchases**, **backup** using firebase, **talk-backs**.

### At Khastech Solutions:

- **All-in-One Class 3 Textbooks** ([Android](#))
  - This app has all the 3rd grade books including English, Math, Islamiyat, General knowledge, and urdu. Implemented using Provider. It fetches books data from server and download it in app directory. Keep record of book reading. Allow user to write something on page using Flutter Painter package.
- **Future Face Travel in time** ([Android](#))
  - Purely implemented using provider. This app is the face changer that gives not only a future face look but also any look of any age. Go young or old, either way. User pick image from camera or gallery, select age, and then image is send to server which change image according to age, and return back. It also maintain log of user events.
- **Pak Currency Converter & info** ([Android](#), [IOS](#))
  - Provide info to check the real or fake Pakistani currency as per the rules of state bank of Pakistan. It also provide currency exchange info using public API, and provides ability to convert currency from one to other.

## Some practiced projects using flutter

- **Hacker News:** Purely implemented using **BLoC**. Fetch data on runtime from public **API of hacker news**. Store it in **SQLite Database**, and show to user. Upon refresh, new data is automatically shown and also updated in database. [Click me](#)
- **Sneakers:** A Shoe selling app, which is implemented using **GetX** and **Flutter Animations**. It just display information about Shoes and allow user to add them in cart only. The main objective of this app was to test GetX and animations only. [Click me](#)
- **Friends live location:** It provides **real time location** of users on google map , so that they can see where user have reached. It uses **Geolocator** package to fetch live location, and then location is saved in Firebase. Then devices fetch current location using stream. [Click me](#)
- **Khurram Online Store:** It is an **e-commerce** app. It provides facility to buy different products online. User can add item to **cart**, view and delete it also. Changes are reflected at **runtime using Firebase cloud storage**. User can also view the rider location once the order is dispatched. [Click me](#)

## Other projects I have worked on:

- **Final Year Project** (Car Model Recognizer) which I completed using Flutter, google maps, and backend in python using rest APIs in **Flask**, in which I trained a small machine learning model which take car image as input and provide its details e.g., Car name, generation & colour in return. I developed it using detecto package (developed using **PyTorch**).
- Library management system using ASP.NET in C# (MVC approach) during degree.
- Also deployed Deep Fake server using Flask API.