

Ali Hussain

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PROFESSIONAL EXPERIENCE

- Junior Flutter Mobile App Developer** | HighApp Solutions | Lahore, PKJan 2024 – June 2024
- Used Flutter Framework to Build responsive, user-friendly UIs for diverse mobile devices.
 - Streamlined backend integration using RESTful APIs, improving data synchronization and reducing error rates
 - Collaborated in cross-functional teams to enhance app performance and meet deadlines.

PROJECTS

- Expense Manager App** | Freelance ProjectJuly 2024 – Aug 2024
- Built the app using Flutter framework with SQflite for local storage.
 - Integrated Google Sign-In and Drive for backup and restore.
 - Enabled PDF report generation for expenses and inventory.
 - User can Set reminder, Used Local Notification to remind the user
 - Used Provider for efficient state management.
 - Designed the UI for seamless expense tracking and inventory management.

- Animal Identifier App**Aug 2024 – Aug 2024
- Developed an animal classification model using ResNet50.
 - Deployed the model in a Flutter mobile app via the TFLite dependency.
 - Enabled classification through both camera and gallery inputs with 5 animal types.

- Skin Cancer Classification Model**Sep 2023 – Nov 2023
- Skin Cancer Classification Model Using TensorFlow And Keras library
 - Divide the Dataset into 70%, 20%, and 10% 70% for training, 20% for testing, and 10% for validation
 - Used a pre-train model (resnet50)
 - Did Hyper-Parameter Tuning
 - Run 25 epochs in the model
 - Train, Test, Predictions and Deploy in Flutter

- Shopping App**Dec 2022 – Feb 2023
- Frontend developed using Flutter Framework and used Provider for State Management
 - Backend Implementation built using Firebase Rest API
 - Database management utilized firebase Realtime Database
 - User Authentication Implemented user authentication and authorization using Firebase auth
 - Product catalog, Shopping cart, Favorite, List new product, other features like Searching, and quantity

- University App**Aug 2022 – Oct 2022
- Frontend developed using Flutter
 - Used external package Carsol_slider and pie_chart in App

EDUCATION

- Superior University, Lahore** | Bachelor's Degree in Computer Science | September 2020 - Present
- Coursework: Object-Oriented Programming, Data Structures & Algorithms (C++), Database Systems, Computer Networks, Mobile Application, Web Application, Artificial intelligence(Deep Learning, Machine Learning), Data Science(Python, Data Cleaning, ML Algorithms), Freelance, Cloud Computing

SKILLS & TOOLS: Flutter Developer(Provider, Riverpod, GetX), Data Science, Statistics, Weka, Microsoft Office, WireShark, Git, Firebase, MySQL, Mongo-DB, React, JavaScript, python, Dart, C++, Java, HTML5, CSS, Jupyter Notebook, Google Colab, TensorFlow, PyTorch