

Hammad Ali

Flutter Developer

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Highly skilled Flutter Developer with extensive expertise in mobile app development throughout the entire application lifecycle. Proficient in Dart, Flutter, and various mobile technologies, I specialize in crafting clean, readable, and high-quality code. Adept at implementing architectural patterns and well-versed in different types of apps. I bring a wealth of experience in AI/ML integration, cloud platforms like Firebase, payment gateway integration, and Google Maps integration. Dedicated to delivering outstanding user experiences and passionate about innovation and mobile technologies, I'm well-equipped to contribute to your development team.

Education

Bachelor of Computer Science, Air University Islamabad

Expected Graduation: 2024
CGPA: 3.1

Skills

Languages: Dart, C++, Java, Python, Kotlin, JavaScript, HTML, CSS

Technologies: Flutter, Firebase, GetX, REST APIs, Native Android, Android Studio, Payment Gateways, Google Maps, Firebase Cloud Messaging

Misc.: Software Development, Git\GitHub, SOLID principles, MVC, MVVM, AI/ML, IoT, Communication Skills, Problem Solving, Critical Thinking

Work History

Flutter Developer (freelance)

Fiverr | Remote

Present

Flutter | Dart | Firebase | REST APIs | VoIP | Payment Gateways | Testing

- Development of high-performance cross-platform mobile applications.
- Proficiently identify and promptly resolve complex technical issues
- Lead comprehensive testing, debugging, and performance tuning efforts.
- Writing clean, efficient, and maintainable code, adhering to industry best practices.
- Involves active engagement with clients to understand their technical requirements and provide innovative solutions.

Mobile Application Developer

Department of Community Medicine | Fazia Medical College

June 2023 – September 2023

Flutter | Dart | Firebase | TFLite | ML | Voice Recognition

- Led the development of CogQuest, a revolutionary app for post-COVID-19 cognitive assessment.
- Collaborated with medical experts for invaluable insights for better patient outcomes.

Flutter Developer

Bytewise LTD | Islamabad

March 2023 – July 2023

Flutter | Dart | REST APIs

- As a Flutter Developer Intern at Bytewise, I was responsible for contributing to the development of a soon-to-be-launched product by working on development using Flutter and RESTful Api.

Flutter Developer

Save the Bilby Foundation | Australia

December 2022 - February 2023

Flutter | Dart | Firebase |

- Developed a mobile application to categorize field camera images and monitor predator activities to help save the Bilby species from extinction.

Personal Projects

CogQuest | Flutter, Machine Learning/AI, Firebase

June 2023

- Designed and developed a fully automated assessment and digital screening app for post-Covid-19 cognitive impairment for medical research and development.
- Integrated Machine Learning (ML) and Artificial Intelligence (AI) algorithms for the classification of drawings.
- Collaborated closely with Medical College and Fazia Hospital for research purposes, providing valuable insights into post-Covid-19 cognitive assessment.

MovieMate | Flutter, TMdb Api, Riverpod, Repository Pattern

June 2023

- Designed, Developed a Flutter app called CineMate that seamlessly integrates with the TMdb API and Empowered users to effortlessly discover, plan, and enjoy movies with comprehensive features and functionalities.

Emergency App | Flutter, Firebase, Google Maps, Video Calling, Location

March 2023 – May 2023

- Developed a cross-platform emergency assistance mobile app with specialized features for firefighters, ambulance personnel, police officers, and general users.
- Utilized Google Maps API, location data, and mobile sensors for real-time information and introduced live location sharing with active responders.

SkinCloud (FYP) | Flutter, Dart, ML, Firebase, Image Processing

Present

- Developing an innovative Facial Skincare App using image processing and machine learning for precise skin issue identification and tailored product suggestions, transforming at-home skincare.
- Utilizing Flutter for a unified mobile experience on iOS and Android, and employed Python with TensorFlow to enhance the app's accuracy in skin disease classification.

Certifications

Mobile App Development – Flutter | Pakistan Software Export Board

Artificial Intelligence Course | Samsung Innovation Campus

Supervised Machine Learning | Stanford University

Traffic Sign Classification using Deep Learning | Project Network

Python Basics: Problem Solving with Code | Coursera

Programming with JavaScript | Coursera

Introduction to Front-End Development | Meta

Awards and Achievements

Runner Up | **Mobile App Development Competition** at Visio Spark 2023 - COMSATS University.

Runner Up | **Coding Competition** at Air University, Islamabad.