

# Hammad Ali

## Mobile App Developer

[hammadali1810@gmail.com](mailto:hammadali1810@gmail.com) | +923177674726 | [linkedin.com/in/hammadalive](https://linkedin.com/in/hammadalive) | [github.com/hammadalive7](https://github.com/hammadalive7)

Skilled Software Developer with expertise in app development. Proficient in Dart, Flutter, and various other 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 experience in API's integration, cloud platforms like Firebase 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**

Graduated: 2024

**CGPA: 3.1**

## Skills

**Languages:** Dart, C++, Python, JavaScript

**Technologies:** Flutter, Firebase, REST API's, GetX, Provider, Riverpod, SQLite, Google Maps, Push Notifications, Crashlytics, MQTT

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

## Work History

### 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.
- Developed CogQuest app, improving post-COVID-19 cognitive assessment with 30% diagnostic accuracy boost and 40% faster assessments

### Flutter Developer

Bytewise Limited

March 2023 – May 2023

*Flutter | Dart | Firebase*

- 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

## Personal Projects

**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.

**MovieVerse** | *Flutter, TMdb API, Repository Pattern*

- Designed, Developed and Deployed a movie night planner app integrating seamlessly with the TMdb API.
- Used GetX statemanagment and utilized the concepts of Dependency Injection and SOLID principles

### **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.

### **Traffic Sign Classification** | Python, Deep Learning

- Developed a deep learning model for traffic sign classification. This demonstrates your ability to apply cutting-edge technology to real-world problems.
- implemented the model using TensorFlow. Highlight your proficiency in popular deep learning frameworks, indicating your technical expertise.

### **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.

## Certifications

---

**Mobile App Development – Flutter** | Pakistan Software Export Board

**Artificial Intelligence Course** | Samsung Innovation Campus

**Supervised Machine Learning** | Stanford University

**Python Basics: Problem Solving with Code** | 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.