

# HIRA TANVEER

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**GitHub:** <https://github.com/hiraa001>

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## EDUCATION

**Bachelors of Science in Computer Science**

**Sep 2020 - June 2024**

National University of Modern Languages (NUML)

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## COURSE WORK

- Data Structures and Algorithm
- Object Oriented Programming
- Database Management
- Artificial Intelligence

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## WORK EXPERIENCE

**Markalytics**

**July 2024 - Present**

**Mobile App Developer | Java | Flutter | Kotlin | Rest API's**

- **Expertise in State Management and UI Design:** Leveraging Flutter with GetX and Provider for efficient state management and seamless asynchronous data handling, while utilizing Material Design and custom styling to create visually engaging and highly responsive mobile interfaces.
- **Innovative Project Leadership:** Leading the development of scalable mobile applications by integrating Firebase with advanced state management and backend solutions, ensuring optimal performance, maintainability, and a smooth user experience across diverse platforms.

**Disruptive AI**

**June 2023 - Sept 2023**

**Mobile App Developer Intern | Flutter, Firebase**

- **Optimized Application Performance:** Integrated state management using GetX and Provider in Flutter, enhancing mobile app efficiency and responsiveness. Utilized Firebase and REST APIs to streamline data fetching and backend processes.
- **Enhanced User Interface Design:** Applied Material Design and custom styling to create visually appealing and responsive interfaces, driving innovation and improving user experience in mobile app development.

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## PROJECTS

**Portfolio Website**

- I developed a responsive Portfolio Website using Next.js and Tailwind CSS, showcasing my skills in modern web development with a sleek design and smooth user experience.
- **Live Link:** <https://hira-tanveer-portfolio.vercel.app>

**AR based Online Footwear Purchase Application (Final Year Project) | Flutter, Firebase, ML, AR**

- Developed a Flutter-based mobile app with separate User and Admin panels, integrated with Firebase backend.
- Implemented ML models for feet and shoe detection using YOLOv5, Mediapipe, and K-means Clustering, integrated via Flask APIs.

**Quran for Life | Flutter, Firebase**

- Developed a comprehensive Islamic app offering Quran recitation, tafsir, translations, prayer times, and tools for memorization and offline access.
- Utilized Flutter with GetX state management, Firebase for backend integration, and multiple REST APIs for data fetching.

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## SKILLS

- **FRONT END DEVELOPMENT:** Java | Flutter | Kotlin | Jet Pack Compose
- **BACK END DEVELOPMENT:** Firebase | Mongo Db | MY SQL |
- **REST API's :** Flask | Third Party Api's
- **TECHNICAL SKILLS:** C++ | Python
- **VERSION CONTROL:** Git | GitHub
- **SOFT SKILLS:** Collaborative | Efficient | Leadership | Environment Responsive | Motivated