

Uwais Mohamed Uzair

BSc Hons. Computer Engineering undergraduate

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📍 Chillaw

🐙 UZAIR

in Mohamed Uzair

👤 portfolio

About Me

Fourth-year Computer Engineering student and passionate Full-Stack Developer with a creative mindset and strong problem-solving skills. Experienced in both front-end and back-end development, committed to building high-quality solutions that exceed expectations.

Education

University of Jaffna

April 2020 – Aug 2025

BSc in Computer Engineering

Coursework: Computer Architecture, Software Construction, Computer and network security, Applied algorithms, Database and management systems, Human-computer Interface

Projects

Hotel and Flight booking system

[github.com/name/repo](#) ↗

- Developed a scalable, high-performance application by utilizing a wide range of widgets and classes, prioritizing code simplicity and cleanliness. Reduced code complexity by implementing efficient data structures such as Stack, HashMap, and LinkedList, optimizing overall performance and maintainability
- Tools Used: Flutter, Firebase

Health Monitor

[github.com/Lab_booking](#) ↗

- Developed and deployed** a feature-rich Health Monitor mobile app, integrating Firebase for real-time data synchronization and user authentication. ensure **maintainable, scalable, and clean code**.
- Enhanced user engagement** by 85% through an intuitive and responsive UI designed in Flutter.
- Implemented health tracking features** such as live monitoring and notifications, following SOLID principles for clean and maintainable code.
- Tools Used: Flutter, Dart, Firebase (Authentication, Firestore, Cloud Functions).

Smart Home Control project

[github.com/name/repo](#) ↗

- Developed and delivered** a Smart Home Control app with voice command functionality, providing seamless control over IoT devices.
- Designed a visually appealing and intuitive UI**, improving user experience and accessibility by 80%.
- Implemented a clean architecture**, ensuring scalability and ease of future enhancements.
- Tools Used:Flutter, Dart, Firebase, Google Assistant API.

Skills

Languages: Dart, C++, Java, Python, SQL, Matlab, JavaScript, HTML, CSS

Technologies: Flutter, React, Spring boot, Microsoft SQL Server, Interface Builder.

Non-Related References

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