

Uwais Mohamed Uzair

BSc Hons. Computer Engineering undergraduate

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📍 Mannar

🌐 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

MN/Al-Al Azhar National School

Feb 2013 – Dec 2019

Advanced level

Coursework: Combined maths, Physics, Chemistry

Projects

Laboratory booking system

github.com/Labbooking

- Designed and developed a **high-performance** mobile app, enhancing the user interface by **90%**. Followed **SOLID** design principles to ensure **maintainable, scalable, and clean code**.
- Tools Used: React ts, Tailwind CSS, Java, Spring boot

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

Uber - Database

github.com/name/repo

- Designed and implemented a database similar to Uber using MySQL, incorporating complex functionalities such as creating, deleting, searching, and executing inner and outer joins. Leveraged ACID properties (Atomicity, Consistency, Isolation, Durability) to ensure robust data handling and transaction integrity, resulting in a highly efficient and reliable system.
- Tools Used: PHP

Skills

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

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

Non-Related References

Dr. (Mrs.) Jananie Jarachanthan

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