

Abdul Aziz KANAAN

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Profile

Computer Science graduate skilled in Flutter, FastAPI, and machine learning integration. Adept at backend API development, interactive frontend design, and database management.

Projects

Tari2i 06/2025 – 08/2025

- Developed a Flutter-based mobile app for crowdsourced pothole reporting.
- Integrated an ML model to validate pothole images (accuracy >90%) and dynamically display confirmed cases as interactive map markers.
- Built an admin dashboard for monitoring and managing reports across cities.
- Designed RESTful FastAPI backend for seamless data synchronization between users, admin, and map interface.

Technologies: Flutter, ComputerVision(MLKit), Python, FastAPI, SQLite

Fake And Real News Classification Application 03/2025 – 05/2025

- Applied Natural Language Processing (NLP) techniques.
- Tested LSTM and Word2Vec models to improve accuracy (accuracy >90%).
- Preprocessed data using Python libraries.

Technologies: Python, Scikit-learn, NumPy, Pandas

Book Search Application 11/2024 – 01/2025

- Built a flutter-based book search app enabling users to find books by author or subject.
- Designed clean interface and efficient query handling for smooth performance.

Technologies: Flutter, PHP

Job Applying Website 11/2024 – 01/2025

- Designed and developed a job portal for freelancers to apply for jobs.
- Built search functionality for job listings and application submission.
- Created an admin dashboard to manage, accept or reject job offers.

Technologies: Html, CSS, JS, PHP, MySQL

Skills

Backend & API Development

- Python: FastAPI
- PHP

Frontend Development

- HTML, CSS, JavaScript
- Flutter

Database Management

- SQLite
- MySQL

Programming Languages

- Java
- Python
- C#
- C++

ML Libraries

- Scikit-learn
- NumPy
- Pandas
- ComputerVision (MLKit)

Education

Bachelor in Computer Science
Lebanese International University
02/2023 – 08/2025

Languages

Arabic	● ● ● ● ●
English	● ● ● ● ●
French	● ● ● ● ●
Turkish	● ● ● ● ●
German	● ● ● ● ●