

# Omar Dib

42 Student – Level 8

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## Education

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**42 Beirut - Level 8** **2024 – Present**

*42 Core Curriculum - Architecture of Digital Technologies Program*

**Jinan University** **2021 – 2025**

*Bachelor in computer Science — GPA: 3.4/4*

## Experience

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**Telepaty** **December 2024 – February 2025**

*Software Developer Intern*

*Tripoli, North*

- Collaborated with the Flutter team using version control system such as Git to organize modifications and assign tasks to develop a large-scale, cloud-based POS system, focusing on the waiter tablet interface.
- Contributed to a high-impact, customer-facing system by developing the waiter profile module on a tablet, which facilitated efficient table management and order processing.
- Designed and implemented core waiter functionalities, including real-time table status tracking (busy/available) and order-taking modules, on a Flutter-based tablet application.

**Freelance** **April 2025 – August 2025**

*Software Developer*

*Remote*

- Developed a PWA using Flutter that help Pets owners to understand the behavior of their pets. Managed global data caching and Controllers using Provider.
- Worked with Supabase to manage user inputted data across multiple platforms,
- Setting up a CI/CD(Github Actions) for development and deployment on Hostinger.

## Selected Projects

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**Micro-Bank** | *Angular, Spring Boot, Supabase, Docker, AWS, Vercel* **October 2025**

- Developed a web application that enables pre-populated mock users to securely log in using JWT authentication and transfer funds between accounts with real-time balance updates.
- Built the backend with Spring Boot, and Supabase PostgreSQL.
- Deployed the frontend on Vercel and the backend on Render (and alternatively on AWS EC2) using Docker containers.

## **ToDo API | ASP.NET Core, EF Core, SQL Server, JWT Authentication    September 2025**

- Developed a multi-tenant RESTful API for task management, enabling secure and isolated data handling for multiple users and organizations.
- Utilized Entity Framework Core and SQL Server for efficient CRUD operations, ensuring scalability, reliability, and maintainability.
- Implemented JWT-based role authentication with distinct Admin and User roles to control access and enhance system security.
- A structured logging system that writes logs to files instead Terminal.

## **Created a Custom AWS VPC | Terraform, AWS**

**May 2025**

- Designed a VPC with public/private subnets, route tables, and an internet gateway using Terraform. Also launched an EC2 Ubuntu server in the public subnet.

## **Hosted a Static Website on AWS S3 | Terraform, AWS**

**May 2025**

- Applied bucket policies to enable public access to website using Terraform.

## **Delivery App (University Project) | Flutter, php, Mysql**

**February 2025**

- Developed two distinct interfaces an intuitive customer-facing menu allowing users to browse, select, and finalize orders, and a dedicated admin panel.
- Architected and implemented application state using the Provider pattern to efficiently manage the user's shopping cart, menu availability, and real-time order submission status.

## **Technical Skills**

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**Languages:** Python, Java, C, C#, Dart, JavaScript, SQL (HTML/CSS)

**Developer Tools:** VS Code, AWS Cloud Services, Android Studio, Git, GitHub

**Frameworks:** Flutter, React, Tailwind CSS, .Net

**Technologies:** Linux, CI/CD(GitHub Actions), Supabase, Docker, Terraform, Pandas, Matplotlib, NumPy.

**Project Management tools:** JIRA

## **Relevant Coursework and Workshops**

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|---|-------------------|
| • 42 Beirut Python For Data Science Piscine             | <b>March 2025</b> |
| • AWS Certified Cloud Practitioner, <a href="#">AWS</a> | <b>June 2025</b>  |
| • AWS re/Start Graduate, <a href="#">AWS</a>            | <b>June 2025</b>  |
| • Responsive Web Design, <a href="#">FreeCodeCamp</a>   | <b>Oct 2024</b>   |
| • Mobile Development, <a href="#">Coursera</a>          | <b>Dec 2024</b>   |
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