

Abdullatif Itani

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Education

Beirut, Lebanon	American University of Beirut (AUB)	Sep 2021-May 2025
<ul style="list-style-type: none">• Major: Computer Engineering, B.E.• Certificate (Minor): Business• Programming Coursework: Algorithms & Data Structures, Operating Systems, Networks, Database Systems, Software Engineering, Cloud Computing, AI & Machine Learning		

Work Experience

Software Engineer Intern	EDM	May 2024 – Aug 2024
<ul style="list-style-type: none">• Built full-stack web applications using React, .NET 8, and Azure, including a restaurant management system and a WhatsApp Broadcast Portal.• Delivered key features such as user authentication, payment integration, and API endpoints.• Optimized code quality through peer reviews and adhered to Agile methodologies.• Deployed applications in cloud environments, ensuring availability and scalability.		
Teacher Assistant	AUB	Sep 2023 – Jan 2024
<ul style="list-style-type: none">• Conducted lab sessions for Introduction to Programming (EECE 230) using Python.• Guided 30+ students in solving assignments and improving coding skills.• Held office hours to answer student questions and provide additional support.• Proctored exams, graded assignments and exams, and provided constructive feedback.		

Projects

Red Mango Restaurant Application

- Developed a full-stack restaurant management system using .NET 8 and React.
- Implemented user authentication, menu management, order processing, and Stripe payment.
- Designed a responsive user interface, enhancing user experience across various devices.
- Deployed the application on Azure, ensuring scalability and availability.
- Developed an admin panel with functionalities for managing menu items, tracking orders, and updating order statuses.
- Utilized: C#, .NET 8, React, TypeScript, Stripe, Microsoft Azure, RESTful APIs, PostgreSQL

ShopConnect Marketplace

- Developed ShopConnect, an online marketplace and communication platform that integrates AI to enhance the buying and selling experience.
- Utilized Python with Flask and REST APIs for backend architecture and implemented personalized recommendations, AI chatbot integration, and 1-on-1 chat features using React.
- Managed secure transaction systems and user authentication with MySQL, and oversaw the design and deployment of user profiles, purchase history tracking, and sales analytics.
- Containerized microservices using Docker to ensure efficient deployment and management.
- Utilized: Python, Flask, REST API, React, MySQL, AI Integration, Docker, Microservices

WhatsApp Broadcast Portal

- Developed a broadcast portal for sending messages to multiple contacts via WhatsApp.
- Implemented features like user authentication, contact management, and broadcast messaging.
- Designed a user-friendly interface using React, focusing on navigation and design.
- Successfully deployed the application for client use, with potential for additional deployment.
- Utilized: C#, .NET 8, React, JavaScript, Maytapi API, PostgreSQL

Skills

Programming Languages: Python, C++, C#, JavaScript, TypeScript, SQL, Java, HTML/CSS, Kotlin

Frameworks & Libraries: React, Flask, Django, .NET

Cloud & Tools: Microsoft Azure, AWS, Docker, REST APIs, Agile, Jira, Figma

Other: Machine Learning & AI