

Ahmad Khaled Bou Samra

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SKILLS

- Java / Maven / Spring MVC / Spring Boot / Spring Security / Spring Data / JPA-Hibernate / Spring AI
- OOP Principles / Design Patterns / Data Structures & Algorithms / Debugging / Testing
- REST APIs / JSON / XML / RMI / Postman
- SQL / Oracle (SQL Developer) / PostgreSQL / MySQL
- Python / pip
- Android Development / Dart
- Version Control (Git / SVN / GitHub) / Agile (Scrum)

EXPERIENCE

Cedars BC | Intern

Tripoli | Jan / 2023 – Jun / 2023

Key Responsibilities & Achievements:

- Designed, implemented, and maintained relational databases using MySQL to store and organize business data.
- Developed and optimized SQL queries for data retrieval, reporting, and analytics tasks.
- Utilized Pandas and NumPy for data manipulation and preprocessing.
- Integrated Python applications with the database to streamline workflows and improve data access.
- Collaborated with team members to support data-driven projects and ensure data integrity across systems

Freelance Programming Tutor | Tutor

Tripoli | Jan / 2022 – Present

- Provided private tutoring sessions in Java, C language, DataBase , DataStructure Basic and Web Development to university students.
- Customized teaching methods to fit individual student needs, improving their academic performance and coding confidence.
- https://www.youtube.com/channel/UCs1zhfgWVKS1TiIBDmOZf_A/

PROJECTS

Secure E-Commerce Backend API

Feb / 2026 – Feb / 2026

- Designed and developed a secure RESTful e-commerce backend using Spring Boot and Spring Security.
- Implemented JWT-based authentication and authorization, including a custom UserDetailsService.
- Built core business modules (users, products, orders, cart) with Hibernate/JPA and global exception handling.

Senior Project – Social Media Platform (Twitter Clone)

Mar / 2024 – May / 2024

- Designed a responsive and intuitive frontend using HTML, CSS, and JavaScript.
- Implemented backend logic with PHP and the Laravel framework for secure and scalable operations.
- Integrated both layers to deliver a smooth and cohesive user experience

EDUCATION

Lebanese University, Faculty of Science Branch III, Tripoli

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| • Master of Science in Computer Science | Graduated: 2025 |
| • Bachelor of Science in Computer Science | Graduated: 2024 |

TRAINING

DOT , Alemni

Apr / 2024 – Jul / 2024

- Completed an intensive training on advanced AI and Machine Learning concepts, including practical use of models for generating sound, images, and other AI-driven outputs.

VOLUNTEERING

Google Developer Student Club

Sep / 2023 – Jul / 2024

- Assisted university students in learning C Language
- Contributed to community learning sessions/workshops

LANGUAGES

- Arabic - Native
- English - Conversational
- French - Conversational