

Marwan AbdalMagied

Back-End Developer

Giza, Egypt | marwanabdalmagied@gmail.com | +201142703533

github.com/Marwan-Mamdouh | linkedin.com/in/marwan-mamdouh-201142703533-

Summery

Junior Backend Developer skilled in Java, SQL, and database management, with experience in building scalable and efficient systems. Passionate about developing robust backend solutions, optimizing database performance and applying OOP principles. Seeking an opportunity to contribute to a development team while continuing to grow as a backend engineer.

Experience & Projects

[Transportation web API](#) | Java, IntelliJ IDEA, Spring Boot, JPA

Mar 2025 - Present

- Designed a database ERD diagram and Schema and map these to MySQL database running on docker container to emulate running database on another server.
- Built a Restful APIs using java spring boot to manage employee's data and updating it, serving the tickets to customers to buy, manage trips and vehicles.
- Implemented Repository layer with Spring Data JPA for better security and maintenance.

[Gaming Coffee System App](#) | Java, IntelliJ IDEA, JavaFX

Dec 2024 - Feb 2025

- Developed a JavaFX application to manage operations for a gaming coffee place, including session management, customer billing and admin, spot, and controller management.
- Achieved 80% faster and more secure login system, leveraging best practices in authentication.
- Implemented efficient data storage solutions, reducing database load by 70% using SQLite.

Courses and achievements

- **HackerRank:** Achieved 4-star proficiency in Java problem-solving.
- **Local courses:** Back-end development and Database design course from IEEE.
- **edX:** Completed systematic program design, Cs50, Databases: Modeling and theory.
- **Coursera:** Completed a set of software development courses like Programming Languages, Part A.

Technical skills

- **Programming Languages:** Java, Python, C, SQL.
- **Developer Tools:** IntelliJ IDEA, PyCharm, VS Code, MySQL Workbench, DBeaver, Docker.
- **Frameworks / Technologies:** Spring boot, Spring Data JPA, Spring Security, JUnit, GitHub, Linux.

Education

Al-Azhar University | Bachelor of Commerce | Accounting

Cairo, Egypt | Sep 2020 - May 2024

Soft Skills

- Analytical thinking and problem-solving.
- Effective communication and teamwork.
- Self-motivated and eager to learn modern technologies.

Languages

- Arabic (Native).
- English (Fluent).