

OMAR SABRI

Developer

+96179187714 omarsabri.cs@gmail.com [LinkedIn](#) Beirut, Lebanon

SUMMARY

Highly motivated and detail-oriented Computer Science graduate with a strong foundation in Java, Spring, MySQL, and Hibernate. Eager to apply acquired technical skills and problem-solving abilities to a challenging entry-level software development position. Possesses excellent communication, teamwork, and multitasking skills.

SKILLS

API Design, Data Structures, Git, Java, Java Spring, OOP, REST, SDLC, SpringBoot, RESTful API, Hibernate, Microservices, Docker

EDUCATION

Bachelor of Science

Beirut, Lebanon

[Beirut Arab University](#)

- Major in Computer Science

LANGUAGES

Arabic (Native)

English (Advanced)

French (Advanced)

PROJECTS

Bug Tracking System

- Engineered a sophisticated Java-based desktop application designed to efficiently track and manage software defects throughout the Software Development Life Cycle SDLC .
- The system utilizes JavaFX for a user-friendly graphical interface and integrates with MySQL for persistent storage of bug details, user roles, and project information.
- Key features include detailed bug reporting, assignment workflows, status tracking, and reporting functionalities.
- Demonstrated strong object-oriented programming OOP principles, database management, and an understanding of software development processes, providing developers with an invaluable assistant for improving development efficiency and software quality.

Gym Management System

- Developed a comprehensive, full-stack gym management mobile application for Android and iOS
- Leveraged Java Spring Boot for the robust backend API
- Utilized MySQL for scalable data storage
- Streamlined client and personal trainer management
- Implemented features such as service booking (classes and personal training reservations) with a notification system
- Designed an AI-powered chatbot capable of understanding fitness-related queries
- Chatbot generates personalized full workout plans and provides tailored diet recommendations
- Showcased proficiency in RESTful API design and database integration
- Demonstrated foundational understanding of AI/ML concepts for practical application

Patient Management System

- Designed a scalable microservices architecture utilizing Java, Spring Boot and Docker
- Built a high-performance, asynchronous service to service communication layer via kafka
- Modeled cloud infrastructure using AWS CDK
- Secured endpoints by incorporating JWT validation
- Managed database using PostgreSQL with Spring Data JPA repositories
- Automated tests using Junit 5 and documented system automatically using OpenAPI and Swagger UI