

OMAR MAHMOUD

Java Software Engineer

Phone: +201141965121

LinkedIn: <https://www.linkedin.com/in/omar1212/>

Email: omaribngenawy@gmail.com

GitHub: <https://github.com/omar-mahmoud-java-developer>

Objective

As a recent computer science graduate, I am enthusiastic about expanding my expertise in Java and the Spring framework. With a solid foundation in computer science principles, I am eager to apply my knowledge to develop robust and scalable applications.

EXPERIENCE

Principles of Banking-EBI(training) 📅 January 2024 -February 2024

- Understanding of the banking system, its products, and services.
- Proficiency in banking principles.
- Knowledge of the role of technology in the banking sector.
- Eligibility to work in banks and financial technology companies.

Principles of java and spring boot-EBI(training) 📅 October2024 -December2024

- Understanding of Java programming language principles.
- Proficiency in using the Spring Boot framework to build modern web applications.
- Ability to design and develop scalable applications.
- Hands-on experience working on real-world software projects.
- Eligibility to work in large companies.

IT Helpdesk- ISUPPORT-(training) 📅 January 2023 -February 2023

- I have practical experience in providing helpdesk support, assisting users with technical issues, and ensuring timely resolution of support tickets.

SKILLS

Java: OOP, Stream, Thread, Collections.

Spring Framework: Boot, Web.

Front End: HTML5, CSS3.

Familiar with: Database, Data Structure, Algorithms, Python, Problem-solving, ISTQB Foundation Level.

PROJECT

GoTech (Graduation project)

Developed a dynamic e-commerce website for selling electronic devices, showcasing backend expertise and user-centric design.

- Frontend Development: Built web pages using HTML, CSS, and JavaScript, ensuring a visually appealing and interactive user experience.
- Backend & API: Created a robust backend and API infrastructure to handle user accounts, product listings, sales transactions, and data management.
- Database Design: Developed an Entity-Relationship Diagram (ERD) to effectively structure and manage website data.
- Quality Assurance: Conducted comprehensive testing, identifying and resolving bugs to ensure optimal website performance and reliability.

Employee Management System

Developed a Java-based Employee Management System using JDBC to effectively manage employee data in a MySQL database. Implemented CRUD operations (create, read, update, delete) for employees.

- Creation of new employee records with details like name, gender, birth date, and salary.
- Retrieval of employee information by ID or name.
- Proficient Java programming, including object-oriented concepts, data structures, and algorithms.
- Strong understanding of relational databases (MySQL) and JDBC for database interactions.
- Effective application of the Builder design pattern for improved object creation
- **Tools and Technologies:** Java, MySQL, JDBC, Build tool (Maven) and IDE (Eclipse)

[GitHub link](#)

COURSEWORK

Algorithms Analysis and Design cloud camp native 📅 June 2023

- I mastered efficient search algorithms like linear and binary search, along with sorting algorithms like bubble sort and merge sort.
- I refined my skills in writing clean, readable, and efficient code, optimizing for both time and memory usage
- using programming languages like Python, Java, and C++.

Data Structures Decode cloud camp native 📅 August 2023

- I learned about different types of data structures such as linked lists, arrays, stacks, and queues.
- understood how each data structure works and how to use it efficiently.
- using programming languages like Python, Java, and C++.

ISTQB Foundation Level Complete Training Nezam 📅 March 2023

- I grasped the core concepts of software testing, its role in the software development life cycle (SDLC), and the various testing methodologies.

- gained comprehensive knowledge of various testing techniques like black-box and white-box testing, equivalence partitioning, boundary value analysis

EDUCATION

computer science

Graduate from Modern Academy class of 2021 Computer Science Department. 🏠 10/2017 - 06/2021

MILITARY STATUS

Complete the service Military