

# Mustafa Ashraf

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## Professional Summary

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Aspiring Java Backend Developer with a strong foundation in Spring Boot, JPA, Hibernate, MySQL, MongoDB, and Spring Security through comprehensive online courses and self-study. Eager to apply theoretical knowledge in a practical setting as a junior developer. Seeking an entry-level role in an innovative tech company to contribute fresh perspectives while further developing technical skills in a professional environment

## Projects

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### Zoom Course Management System GitHub

- **Description:** Developed a robust and secure Zoom Course Booking System designed to streamline the process of scheduling and managing online courses. This backend application is built using Spring Boot, Spring Data JPA (Hibernate), and MongoDB, ensuring efficient data management and high performance. The application incorporates comprehensive security measures to protect user data and authentication, leveraging JWT for secure access control..
- **Skills Used:** Spring Boot, Spring Data JPA (Hibernate), MongoDB, Spring Security, JWT

### E-Commerce Platform Development GitHub

- **Description:** The E-Commerce Application is built using Java and Spring Boot, with security, scalability, and ease of maintenance. The backend uses Spring Data JPA to interact with a MySQL database, making it easy to manage and store important entities such as users, products, categories, orders, and more. User authentication is handled by JWT Token, providing secure and reliable means of REST APIs.
- **Skills Used:** Java, Spring Boot, JPA, Hibernate, MySQL, Spring Security, Git, RESTful APIs

### Blog-Application GitHub

- **Description:** Developed a robust blog application with CRUD REST APIs, featuring pagination, sorting, and search functionalities for improved user experience. Secured the app with Spring Security, JWT, and role-based authorization for safe login and signup. Streamlined code using Lombok and DTOs, and implemented both in-memory and database authentication. Handled exceptions, validations, and complex JPA relationships (one-to-many, many-to-many), ensuring smooth API operations. Tested APIs with Postman, documented them with Swagger UI, and managed deployment profiles for different environments.
- **Skills Used:** Java, Spring Boot, JPA, Hibernate, MySQL, Spring Security, Git, RESTful APIs

## Technical Skills

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**Languages:** Java, SQL , Html , Css , Javascript  
**Frameworks:** Spring Boot, Spring JPA, Hibernate, Spring Security  
**Databases:** MySQL, PostgreSQL, MongoDB  
**Tools:** Git, GitHub  
**Other Skills:** Problem-solving, RESTful APIs

## Education

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<b>Bachelor of Civil Engineering</b> <i>Overall Grade: Very Good</i>	Helwan University, 2017 - 2022
<b>Nanodegree in Front-End Web Development</b>	Egypt Future Work - Udacity

## Certifications and Courses

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<b>Build Responsive Real-World Websites with HTML and CSS</b>	Udemy
<b>Java Master Class</b>	Nelson Djalo
<b>Java Programming</b>	University of Helsinki's MOOC
<b>Nanodegree in Front-End Web Development</b>	Udacity
<b>Spring Boot 3, Spring 6 &amp; Hibernate for Beginners</b>	Chad Darby
<b>Spring Security 6 Zero to Master along with JWT, OAUTH2</b>	Madan Reddy
<b>The Complete JavaScript Course 2023: From Zero to Expert!</b>	Udemy