Esraa Salah

Java Software Developer

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I'm a Java Backend Developer with experience in building secure, scalable web applications using Java, Spring Boot, MySQL . I'm passionate about clean code, solving backend challenges, and delivering reliable end-to-end solutions. I've developed robust Restful APIs , implemented Spring Security, and collaborated in Agile teams to meet business needs.

Professional Experience

Globisoft   Smouha Alexandria Egypt
Java Developer – Full Time   Dec 2022 - till now

- Designed and developed robust and scalable web applications using Spring Boot framework, adhering to best practices and coding standards.
- Developed robust RESTful APIs to facilitate smooth communication between the frontend and backend.
- Implemented security measures to protect the website and its data. This includes user authentication and authorization mechanisms using spring security, encryption secure communication (HTTPS) using SSL.
- Integrated the Spring Boot application with Amazon S3, enabling efficient storage and retrieval of files.
- Collaborated with stakeholders to understand business requirements, identify key functionalities, define system specifications and business logic and manage tasks flows.
- Contributed to the analysis and design of database schema.
- Implemented the designed database schema in MySQL, ensuring data integrity and efficient storage. Utilized best practices to create tables, define relationships, and optimize query performance.
- Responsible for the deployment process. Managed Ubuntu Virtual Private Server (VPS) to deploy multiple web applications and managed DNS records for different domains. Configured the server environment to deploy the website's database, frontend, and backend components, installed SSL to ensure a secure connection. Ensured optimal performance and availability of the deployed applications.

EDUCATION

Faculty Of Computers and Informatics. Ismailia
BSc of information systems, Suez Canal University.

Information Technology Institute (ITI) CAIRO, Smart Village
Java Enterprise and Web Applications 9-Month Diploma.

Technical Skills

- **Languages:** Java SE , Java EE , SQL
- **Frameworks:** Spring Boot, Spring Data JPA, Hibernate , Spring Security
- **Database:** MySQL
- **Version Control:** Git, GitHub
- **Methodologies:** Agile/Scrum

Projects

E_invoice And E_RECEIPTS web application :
 current A backend web application for E-Invoice and E-Receipts using Spring Boot, facilitating seamless integration with the Tax System (ETA) ,submission of electronic receipts and invoices . Implemented features for returning receipts , canceling, and rejecting invoices .

Almongez POS web application — point of sale system
Web application for point-of-sale system used to facilitate sales transactions, process payments, and manage inventory.
Allows businesses to create and manage sales transactions, including adding products to the sale, applying discounts or promotions, and calculating totals.
Tracks inventory levels in real-time . updates stock quantities each sale, generates inventory reports, and sends alerts for low stock levels.
Supports various payment methods, such as cash, credit cards, loyalty points.

Bloom Website — Real Estate website
A Real estate website displays properties and their information. Allows users to search for properties based on various criteria such as location, property usage, and developer. Include advanced search filters to help users narrow down their property search based on specific requirements like price range, property type, size, number of bedrooms, bathrooms, etc.

Digital Menu website — Menu (View-Dining-Delivery) Website
A platform for restaurant owners that enables them to display the restaurant's menu in the form of an electronic menu that can be accessed from anywhere through the menu's QR code. Customers can place an order through the menu with ease, whether from home (delivery) or inside the restaurant based on the table number (dine in) or takeaway orders.

HSK website — E-commerce Carpets Website
Online platform designed for buying carpets. Listing provides comprehensive details about the product. The website incorporates a shopping cart system where customers can add carpets to their cart and proceed to the checkout process. During checkout, customers provide shipping details, select payment methods, and complete the purchase.

Soft Skills

- **Ability to work in a team and individually**
- **Self-study and fast learning skills**
- **Communication and negotiation skills**