

Mohamed salah

Software Engineer

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Summary

As a software engineer and full stack developer specializing in Flutter and Spring, expertise lies in front end development, crafting intuitive user interfaces, and back end implementation, creating scalable server solutions, ensuring seamless integration and optimal performance across platforms.

Education

Bachelor's Degree in computer science

Sept 2018 - Jul 2022

Ain Shams University, Faculty of Computer and Information Science

Grade: Good

Projects

- **DelicyFood Application** [Flutter, Spring, Firebase, MySql, Animations, State management, Restful APIs] **Sept 2023**
 - User-friendly Flutter-based mobile app enabling food ordering, showcasing menus, and displaying order history for users.
 - Robust backend system powered by Spring Boot and MySQL, facilitating order management, user authentication, and data storage.
 - Firebase integration for real-time updates and notifications, keeping users, restaurants, and drivers informed about order status changes.
 - Secure user authentication and authorization using Spring Security and JWT tokens, ensuring data security and privacy.
 - Restaurant functionality allowing selection of delivery drivers and order completion, enhancing order fulfillment efficiency.
 - Dedicated driver interface for order delivery management, enabling route optimization and order status updates.
- **Restaurants System** [Spring boot, Spring security, spring micro services, Spring Data JPA, MySql, JWT authentication] **May 2023**
 - Secure user authentication system enabling login and registration.
 - Intuitive interface for browsing and exploring various restaurants and their offerings.
 - Seamless table reservation process allowing users to select and book tables and chairs.
- **HR Management** [Spring boot, Spring security, spring microservices, Spring Data JPA, MySql, JWT authentication] **Sept 2022**
 - JWT-based authentication system ensuring secure access to HR functionalities.
 - Seamless integration of Spring technologies for efficient backend development.
 - Robust backend operations supporting employee management, leave tracking, and performance evaluation.
 - Customizable reporting tools for workforce analytics and HR metric visualization.
- **Kids learning app** [Flutter, Dart, Firebase, Animations, Machine learning] (**Graduation Project A+**) **May 2022**
 - User authentication system enabling login and registration.
 - Seamless animations enhancing user experience and engagement.
 - Utilized machine learning for object recognition, aiding in vocabulary development.
 - Pronunciation support and related image display enrich learning experience.
 - Image history tracking feature for progress monitoring and review.
- **Weather Application** [Flutter, Dart, State management, Restful APIs, Animations] **Jan 2022**
 - Seamless animations enhancing visual appeal and user interaction.
 - Real-time weather updates based on user's location, providing accurate forecasts.
 - Advanced features like hourly and daily forecasts, weather alerts .
 - Scalable architecture enabling seamless integration with frontend frameworks.

Technical Skills

Front End : Flutter, State Management, Localization, Restful APIs, Animations, Push Notifications, Maps

Back End : Spring boot, Spring MVC, Spring security, Spring microservices, Spring Core, Spring data JPA , Spring Testing
Hibernate, JWT authentication, Kafka, Redis, Swagger

Databases : MySql, Oracle, Firebase, mongoDB, Sqlite, Microsoft Sql server

Programming Languages : Dart, Java, Python, PHP, C++, C#, Javascript, HTML, CSS

Concepts: Algorithms, Data Structures, OOP, Database System , SOLID Principles and Design Patterns.

Testing: Test-Driven Development, Unit testing, component testing, integration testing, performance testing, system testing

Containers Orchestration : Kubernetes, Docker

Version Control : Git, Github

Strengths

Problem Solving , Project management skills, Communication skills, Time management, Teamwork, Innovation

Extracurricular Activities

Volunteer, at Ressala 2017

. we were part of the literacy campaign that teaching people to read and write

. we were gave food for poor people and help the, in Ramadan