

# HUDA OMER

## Software Engineer

Muscat, Oman

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## Summary:

Adaptive Flutter and Laravel developer with over 1 year of experience in building mobile and web applications. Skilled in creating responsive UIs and efficient backends using Dart and PHP. Proven ability to collaborate effectively and deliver high-quality solutions on time. Passionate about leveraging emerging technologies to enhance user experience and drive innovation. Seeking to contribute expertise to a forward-thinking organization.

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## Experience:

### Software Developer

Vujade, March 2024 - December 2024

Utilized Agile methodologies in a collaborative environment to develop mobile applications with Flutter and Laravel. Engaged in sprint planning, daily stand-ups, and retrospectives to ensure continuous improvement and alignment with project objectives. Focused on delivering user-centric features through iterative cycles, emphasizing feedback and adaptability to changing requirements. Worked closely with cross-functional teams to enhance productivity and successfully deliver high-quality applications on time.

### Software Engineer

Alx, Jun 2023 - Aug 2024

Worked on projects using Linux, Unix, C Programming, Python, Front End Dev, Infrastructure Design, Data Structures, Graphic Programming, Reverse Engineering. Projects included making printf, simple shell, file manager, and AirBnB Clone.

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## Skills:

- Front-end web development: HTML CSS JavaScript Vue.js
- Back-end web development: Python flask, PHP laravel, nodejs
- Mobile App Development: Dart Flutter
- Databases: MySQL, PostgreSQL
- Version Control: Git, GitHub
- Others: Unix, Linux, Shell, Command Line, Firebase, SDLC, Data Structures and Algorithms.
- Soft skills: Time Management, Problem Solving, Communicating for Impact, Relationships & Well-being, Adaptability & Resilience, Leadership, Creativity, agile methodology, scrum.

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## Education:

**Bachelor of Electrical and Electronic Engineering (Software Engineering)**

University of Khartoum | Khartoum, Sudan

**Software Engineering program - Backend Specialization**

ALX-Africa | June 2023 - August 2024

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## Projects:

- **Trace – Library Management System**

Developed a library management system with features for cataloging, borrowing, and returning books, including user authentication and real-time notifications.

- **38d Al-Loli – E-commerce Website for Handmade Crafts**

Created an e-commerce platform for handmade crafts, featuring secure payment processing, user registration, product categorization, and a shopping cart.

- **Apartment Rental App**

Built a user-friendly app for browsing and booking rental properties, integrating user reviews and location-based services for enhanced accessibility.

- **Farm Management App**

Designed an app to monitor environmental sensor data, helping farmers track soil moisture and conditions for better crop management.

- **Weather App**

Developed a weather application providing real-time updates and forecasts, utilizing APIs for location-based data and an intuitive user interface.

- **Quotes App**

Created a motivational quotes app delivering daily inspirational content, allowing users to save and share their favorites easily.

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## Certificates:

**GDSC - U of K, April 2022 - May 2022**

Flutter Development Course Certificate after completion of an E-commerce mobile application.

**IBM, February 2021 - March 2021**

AI Analyst Mastery Certificate. Topics included Machine Learning, Neural Networks, Watson IBM, Computer Vision, NLP and Sentiment Analysis, and others.

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## Languages:

Arabic (Native)

English (Fluent)

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## Memberships and Activities:

- Event Team - IndabaX 2022
- Technical Team, Organizer Team | Conference Committee - EESE HACKATHON 2022
- Conference Committee, Accompanying Exhibitions Committee - EESE 2021
- Organizer Team | Accompanying Exhibitions - EESE 2018