



# Mohammad Hamza Idrees

## Senior Software Engineer

Backend developer with experience in cloud technologies and API integration. Skilled in creating scalable, secure solutions for multi-million-user platforms using microservices architecture to drive innovation.

✉ hamzaidrees41@gmail.com

📍 Jeddah, Saudi Arabia, Transferable Iqama

☎ +966 53 4665570

🌐 [linkedin.com/in/hamzaidrees41](https://www.linkedin.com/in/hamzaidrees41)

## WORK EXPERIENCE

### Senior Software Engineer

#### Prima Consulting

05/2024 - Present

Dubai, Remote

##### Tasks

- Implemented serverless architecture with AWS, automating workflows, reducing operational costs by 30%, and significantly enhancing system efficiency and scalability.
- Built scalable cloud solutions using Nest JS, Laravel and AWS services like Lambda, Step Functions, and S3.
- Designed efficient data storage and retrieval solutions on AWS, ensuring secure, high-speed access for dynamic application needs.

### Software Engineer

#### KraveMart - Grocery Delivery

01/2022 - 04/2024

On-Site

##### Tasks

- Developed multiple dashboards to streamline workflows, reducing customer service response times and improving operational efficiency.
- Developed the DAS with Google Maps API to define store-specific boundaries, enabling precise, location-based customer service from the nearest open store.
- Optimized API response times by 30% through code refinement and an advanced indexing strategy, resulting in faster, more efficient data handling.
- Leveraged Redis for microservices data exchange, enhancing performance and scalability across services.

### Associate Software Engineer

#### Golootlo

01/2021 - 12/2021

On-Site

##### Tasks

- Led the migration of Slim APIs to Lumen, enhancing app performance and scalability by 40%, including utilities and QR code scanning features.
- Utilized a modular approach to develop clean and secure code within a microservices architecture.
- Integrated Elasticsearch for improved search functionality on the app's home page, enhancing customer experience.
- Developed comprehensive reporting and analytics modules, enabling data-driven decision-making.

## EDUCATION

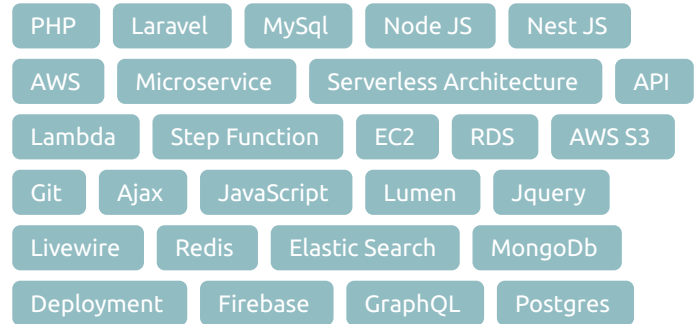
### Masters in Data Science

#### NED University of Engineering & Technology

04/2021 - 07/2023

3.29 GPA

## SKILLS



## PROJECTS

### Deen-ul-Islam Application (06/2022 - Present)

- Developed Deen-ul-Islam, a free Android app dedicated to social responsibility, offering Quranic translations, recitations, Hadiths for Sunnah, Islamic history, and prayer timings.
- Created a comprehensive back office system for efficient app management and implemented robust APIs to facilitate seamless data integration and retrieval.

### Help save a life (06/2021 - 05/2022)

- Designed a charity web app for "Help Save a Life," enhancing the donation process with streamlined workflows and real-time impact tracking for transparency.
- Developed donor profiles to improve engagement and trust, ensuring donors have visibility into the causes they support.

### Sapphire E-Commerce (01/2021 - 09/2021)

- Optimizing clothing sales and improving user experience through new features, bug fixes, and MySQL integration.

### Hotel Management System (03/2019 - 01/2020)

- Developed a web application to optimize hotel operations, streamline data management, and enhance customer access, integrating comprehensive features for an improved user experience.

## ACHIEVEMENTS & CERTIFICATIONS

### Employee of the Month (Krave Mart)

Recognized as the first Employee of the Month in the tech department at Kravemart for exceptional performance and contributions to the team.

### Teaching Assistant (Certification) (01/2020 - 06/2020)

Instructed students in digital logic design labs, providing guidance and support for hands-on learning.

### Coders Cup Speed Programming (2016, 2018)

## LANGUAGES

English

Professional Working Proficiency

Arabic

Elementary Proficiency