

Mohammad Hamza Idrees

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SUMMARY

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.

EXPERIENCE

Senior Software Engineer

Prima Consulting

05/2024 - Present, Dubai, Remote

- 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

- 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

- 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.

PROJECT

Deen-ul-Islam Application

- 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

- 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

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

Hotel Management System

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

EDUCATION

Masters in Data Science

NED University of Engineering & Technology · 04/2021-07/2023 · 3.29

CERTIFICATIONS

Teaching Assistant (Certification)

digital logic design labs • 01/2020 - 06/2020

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

AWARDS & HONORS

Employee of the Month

Krave Mart • Month 2024

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

SKILLS

PHP, Laravel, Lumen

MySQL, Postgres

Node JS, Nest JS, JavaScript, JQuery, Ajax, GraphQL

AWS, Microservice, Serverless Architecture, API, Lambda, Step Function, EC2, RDS, S3, Firebase, Deployment

Livewire, Redis, Elastic Search, MongoDB

English, Arabic
