Mohammad Hamza Idrees

Senior Software Engineer – Backend (PHP, Laravel, AWS, Microservices)

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PROFESSIONAL SUMMARY

Experienced Senior Software Engineer with 5+ years of expertise in backend development, specializing in PHP, Laravel, AWS, and microservices architecture. Proven track record of delivering scalable solutions, optimizing performance by 30-40%, and leading technical implementations. Strong background in cloud-native development, API design, and database optimization with a Masters in Data Science.

PROFESSIONAL EXPERIENCE

Senior Software Engineer
Prima Consulting
05/2024 - Present
Dubai, Remote

- Implemented **serverless architecture** with AWS, automating workflows and reducing operational costs by **30%**
- Built scalable cloud solutions using **NestJS, Laravel** and AWS services including **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
- Optimized **API response times by 30%** through code refinement and advanced indexing strategy
- 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%**
- Utilized a modular approach to develop clean and secure code within a **microservices architecture**
- Integrated **Elasticsearch** for improved search functionality, enhancing customer experience
- Developed comprehensive reporting and analytics modules, enabling data-driven decision-making

SKILLS

Programming Languages: PHP, JavaScript, Node.js, Python
Frameworks & Libraries: Laravel, NestJS, Lumen, Livewire, jQuery, Ajax
Cloud & DevOps: AWS Lambda, Step Functions, S3, EC2, RDS, Serverless Architecture, Firebase
Databases: MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch
Tools & Practices: Git, Docker, CI/CD, Agile, REST API Development, GraphQL, Deployment

PROJECTS

Deen-ul-Islam Application
06/2022 - Present

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

Help Save a Life
06/2021 - 05/2022

Designed a charity web app 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.

Saphire E-Commerce
01/2021 - 09/2021

Optimized clothing sales and improved 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 improved user experience.

EDUCATION

Masters in Data Science
NED University of Engineering & Technology
04/2021 - 07/2023

Bachelor of Science in Computer Science
National University of Computer and Emerging Sciences
06/2016 - 12/2020

ACHIEVEMENTS & CERTIFICATIONS

• 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) - Instructed students in digital logic design labs (01/2020 - 06/2020)

• Coders Cup Speed Programming (2016, 2018)