

MOHAMED AHMED YUSUF

Principal Software Engineer & Graphic Design & Track Dispatcher

Crafting resilient enterprise backends, scalable cloud platforms, and modern web architectures.

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EXECUTIVE SUMMARY

Principal Software Engineer with deep expertise in PHP/Laravel and clean software architecture. Proven track record leading cross-functional engineering teams.

Career Focus: Cloud Native Architectures, Distributed Systems, High-Concurrency APIs, and Developer Productivity Engineering.

Core Strengths: Laravel & Modern PHP Architecture • AWS & Kubernetes Cloud Infrastructure • Domain-Driven Design (DDD) & CQRS • Database Performance & Index Optimization • RESTful & GraphQL API Engineering • Security Auth & Compliance (SOC2 / PCI-DSS)

PROFESSIONAL EXPERIENCE

Senior Backend & FinTech Engineer — FinScale Technologies (Full-time) Feb 2019 – Feb 2022
Austin, TX

Engineered real-time payment reconciliation systems and banking API integrations compliant with PCI-DSS Level 1.

- Engineered multi-currency ledger system reconciling \$45M+ in monthly card and ACH payment volumes.
- Integrated Stripe, Plaid, Adyen, and modern banking webhooks with idempotent event consumers.
- Built real-time telemetry dashboards and automated anomaly detection using Laravel Queues and WebSockets.
- Instituted automated end-to-end integration testing and strict code review pipelines.

Technologies: Laravel • MySQL 8 • Redis • Vue.js • Stripe API • Docker • Elasticsearch

Founder / Manager — Hansoor Motivation Organization (Volunteer) Jan 2017 – Jul 2018
Erigavo. SO

Founder and Manager of Hansoor Motivation Organization, responsible for leading the organization's activities, coordinating programs, supporting community development, and creating motivational and educational initiatives.

- Founded and managed Hansoor Motivation Organization and its activities.
- Planned and coordinated educational, motivational, and community-focused programs.
- Created motivational content and organized awareness activities.
- Coordinated volunteers and team members to support organizational programs.
- Promoted youth development, education, and personal growth through community initiatives.

Technologies: Adobe Photoshop • Public Speaking • Adobe Premiere Pro • Photography • Social Media Platforms

Full-Stack Software Engineer — Vanguard Digital Solutions (Part-time) Jul 2016 – Jan 2019
Qassim, Saudi Arabia

Delivered custom enterprise web applications, e-commerce platforms, and customer portals for Fortune 500 clients.

- Built and launched 18 custom client applications using modern PHP, Laravel, and responsive UI systems.
- Configured automated CI/CD pipelines reducing feature deployment time from 3 hours to 8 minutes.
- Designed clean REST APIs consumed by iOS and Android mobile engineering teams.

Technologies: Laravel • PHP • JavaScript • MySQL • Bootstrap • Git • AWS EC2

EDUCATION

Bachelor of IT (B.IT.) in Information Technology

2020 – 2025

Qassim university

Qassim, Saudi Arabia

Graduated Magna Cum Laude (GPA 3.92/4.0). Dean's List for 7 consecutive semesters. President of the Association for Computing Machinery (ACM) Student Chapter.

diploma in of computer science

2012 – 2013

Al Haramain college

Erigavo, SO

Successfully completed a Diploma in Computer Science, developing practical knowledge and technical skills in programming, computer systems, databases, and information technology.

High Certificate in of Secondary Education

2006 – 2017

Safa Secondry school

Erigavo, SO

Successfully graduated from secondary school with strong academic performance, demonstrating dedication, discipline, and commitment to academic excellence.

Bachular in of sharia

2015 – 2018

East Africa University

Erigavo, SO

Successfully completed a Bachelor's Degree in Sharia, gaining comprehensive knowledge of Islamic jurisprudence, Islamic law, Hadith, Qur'anic studies, and related areas of Islamic.

Certificate in islamic institute

2011 – 2014

machad ibnu kathir

Erigavo, SO

Successfully completed Islamic studies at Ibn Kathir Islamic Institute, gaining knowledge in Qur'an, Hadith, Islamic jurisprudence, and Arabic language.

Certificate in of film making

2021 – 2021

alwasid media

Qassim, Saudi Arabia

Completed specialized studies in Filmmaking, Graphic Design, and Camera Production, gaining practical skills in visual design, photography, video production, cinematography, and creative media.

Deploma in of arabic language

2019 – 2020

Qassim University

Qassim, Saudi Arabia

Earned a Diploma in Arabic Language from Qassim University, strengthening academic proficiency in Arabic language, literature, communication, and linguistic studies.

TECHNICAL EXPERTISE & CORE COMPETENCIES

PROGRAMMING	PHP (8.2 / 8.3) • JavaScript / TypeScript • Go (Golang) • Python
FRAMEWORKS	Laravel Framework • Tailwind CSS • Alpine.js • React / Next.js
DATABASES	MySQL 8 • PostgreSQL
DEVOPS	AWS Cloud Services
TOOLS & ARCHITECTURE	Git & GitHub Workflows

KEY PROJECTS

CloudPulse - Multi-Cloud Telemetry & Alerting Platform

DevOps

Real-time infrastructure monitoring platform ingesting 100K+ metrics per second across AWS, GCP, and Kubernetes clusters.

Laravel • Redis • Docker • Tailwind CSS • AWS ECS • WebSockets • Alpine.js

DevArchitect - Interactive System Architecture Studio

Web Development

Browser-based collaborative whiteboard for software architects to design microservices and auto-export clean Laravel & Terraform boilerplates.

Laravel • Vue 3 • Tailwind CSS • Canvas API • Docker • PostgreSQL

KEY HONORS & ACHIEVEMENTS

Featured Keynote Speaker at Laracon Online 2024

Laracon • Feb 2024

Presented "Architecting High-Throughput Laravel Applications for 50 Million Requests" to an audience of over 8,000 global engineers.

2M+ Downloads on Open Source Laravel Packages

Packagist / GitHub • Oct 2023

Author of widely adopted open-source packages improving database telemetry, rate limiting, and queue orchestration in Laravel.

Top Engineering Contributor of the Year

Apex Cloud Systems • Dec 2023

Recognized across the company for architecting the unified core API and reducing annual cloud infrastructure spend by \$180,000.

CERTIFICATIONS

Official Laravel Certified Developer

Laravel LLC • 2021

ID: LCD-449102

CONTINUOUS TRAINING

Advanced Microservices & Distributed Computing

MIT Professional Education • 2023 (6 Weeks (Intensive))

Domain-Driven Design with Clean Architecture

Enterprise Software Academy • 2022 (40 Hours)

Zero-Trust Cloud Security & Compliance

SANS Institute • 2021 (30 Hours)

LANGUAGES

English	Native / Bilingual (Native)
Swahili	Limited Working (C1 / Fluent)
arabic	Full Professional (B2)
French	Elementary Proficiency (A2)