

Abdul Rehman Yaser

Full Stack Developer & R&D Manager

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SUMMARY

Full-stack developer since 2021 who has shipped e-commerce, ERP, point-of-sale and showroom systems for clients at Fastnet, and since 2024 manages the developers and R&D there part-time and remotely. Currently a double major in AI Computing and Business Technology Management at KAIST, Daejeon. Comfortable across the stack — Next.js and React on the front, Node.js, PHP Laravel and SQL on the back — with recent work integrating LLM APIs, OCR and RAG into production products.

PROFESSIONAL EXPERIENCE

Managing Developers & R&D

2024 - Present

Fastnet · Part-time, remote

Manage a remote team of developers across client systems, own research & development, and scope new products from first conversation to delivery.

- Plan, review and ship work across the Fastnet client portfolio
- Advise the developers on technical decisions — stack choices, structure and approach — and unblock them when they're stuck
- Architecture, database design and code review for new builds

Full Stack Web Developer

2021 - 2024

Fastnet, Jeddah

Built client systems end to end — frontend, backend and data — for e-commerce, ERP and point-of-sale products.

SELECTED CLIENT PROJECTS — FASTNET

Rolls-Royce Riyadh — Automotive

The Rolls-Royce Motor Cars showroom in Riyadh.

Solo project. Internal showroom software: lead tracking per vehicle with follow-ups, sales of optional extras and accessories with pricing and quotes, and a guided car-handover workflow with checklists.

Akoya Water — Water delivery

akoyawater.com

A Saudi bottled-water brand delivering to homes and businesses.

E-commerce platform (catalogue, cart and checkout, order management, admin dashboard) on a REST API that also powers the customer mobile app; database schema, authentication and deployment.

Filter — Automotive services

filtercs.com

Car wash, maintenance and inspection centres across Saudi Arabia.

Web-based POS with receipts and service tickets, inventory ledger with stock movements and low-stock alerts across branches, live monitoring dashboard, role-based access; ZATCA e-invoicing integration. Later maintained solo.

AP Plus (Applus) — Insurance

Authorized Policy Insurance Brokers — an insurance brokerage operating in Saudi Arabia.

Modular internal system: CRM, task management, HR and double-entry accounting. Led a nine-month migration of a non-normalised legacy accounting database (records from 2009) into a normalised schema with SQL and Python ETL. Later added OpenAI-API document extraction, task classification and a RAG assistant over company data.

Samaraya — Travel

samaraya.com

An online travel platform for finding and booking hotels worldwide.

Travel product as a mobile app and a web app on one backend: hotel search and filtering, booking flow with availability and pricing, user accounts and booking history, admin inventory; shared REST API.

Muhasib Pro — Accounting software

muhasibpro.com/en

A bilingual accounting system for Saudi businesses — invoicing, inventory, point of sale, payroll and multi-branch accounting with ZATCA Phase 2 e-invoicing built in.

AI features for a Saudi accounting platform: OCR plus LLM extraction of invoices and receipts into categorised ledger entries, and API integrations around ZATCA e-invoicing.

Gulf Computer Mall — E-commerce

gcmall.com.sa

A Saudi online retailer of computers and technology — printers, storage, networking and accessories from brands like HP, Western Digital and SanDisk.

E-commerce platform for a computer and technology retailer: storefront, product catalogue and backend.

EDUCATION

BSc — Double Major in Artificial Intelligence Computing & Business Technology Management 2025 - Present KAIST

- KISA — KAIST International Student Association (2025 - Present): Member of the tech department, working on the association's website.
- Microbotics Club (2025 - Present): Member.

GCSE A Level

2023 - June 2024

Pakistan International School Jeddah English Section, JED

Graduated as valedictorian, 2024.

- Cambridge Outstanding Learner Award (A Level)

GCSE AS Level

2022 - 2023

Pakistan International School Jeddah English Section, JED

Top A grades in Physics, Computer Science and Mathematics; school top achiever in all three.

- Cambridge Outstanding Learner Award (AS Level) — Top in Region

IGCSE

2019 - 2022

Pakistan International School Jeddah English Section, JED

7A*s and 2As across 9 subjects. Top achiever in Chemistry; Distinction award at school level.

SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, React, Next.js, Flutter, Tailwind CSS

Backend: Next.js, Node.js, Express, PHP Laravel, Python, SQL, PostgreSQL, MongoDB

AI: RAG pipelines, LLM API integration, embeddings & vector search, OCR, prompt engineering, automation

Tools: Git, REST APIs, WordPress, Bootstrap, jQuery

PERSONAL PROJECTS

Self-Service Car Wash Kiosk

20th Nov, 2023

Node.js

A web-based kiosk for a car wash, built on Node.js. The customer picks their car type and service, verifies with an OTP, pays, and gets a receipt with a QR code that starts the wash when scanned — each code is single-use so it can't be replayed.

Demo video: youtube.com/watch?v=MWHReNG2qQs

Job Tracking, Reporting & Payroll Management System

9th Jul, 2023

Node.js

A time-tracking and payroll tool for teams spread across time zones. Admins create groups with their own currency, overtime ratio, duty hours, weekends and schedule type; employees clock in and out of work sessions and breaks from their panel. Admins see live status and can generate reports for any date range with regular hours, overtime and pay.

Demo video: youtube.com/watch?v=quxwsao5dD8

Postman Student Summit Hackathon — Visualize for the Prize

19th Nov, 2023

Hackathon

Hackathon entry that pulls real-time COVID-19 data from public APIs through Postman and turns it into charts, so the pandemic's impact can be read at a glance.

Devpost: devpost.com/software/postman-visualizing-data