

Abdel Rahman Waleed Ahmed

Full-Stack Engineer | Laravel & Vue Specialist | Node.js · React · Flutter

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Portfolio: abdelrahman1203.github.io | GitHub: github.com/Abdelrahman1203 | LinkedIn:

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Professional Summary

Full-Stack Engineer with 2+ years of experience delivering end-to-end software solutions across ERP, education, healthcare, logistics, HR, legal, real estate, and marine marketplace domains. Own the complete product lifecycle—from client discovery and requirements gathering to solution architecture, development, testing, deployment, and post-launch support. Delivered 11 production systems including live deployments at harvestcollege.co.uk and hr-app.rnscinemas.com. Experienced in building scalable web and mobile platforms using Laravel, Node.js, Vue.js, React, MongoDB, MySQL, and Redis.

Core Responsibilities

- Client requirements gathering and business analysis
- Solution architecture and technical planning
- Database design and REST API development
- Frontend, backend, and mobile API implementation
- Third-party integrations and payment workflows
- Testing, quality assurance, and performance optimization
- Cloud deployment, CI/CD, and infrastructure management
- Production monitoring, maintenance, and support

Professional Experience

Al Arabia Cinema — Full-Stack Engineer / Project Manager

Sep 2025 – Present

- Lead architecture, development, deployment, and maintenance of ERP platforms using Laravel, Vue.js, MongoDB, and Redis.
- Manage project planning, CI/CD pipelines, testing, infrastructure, and production environments.
- Coordinate directly with stakeholders to translate business requirements into scalable software solutions.

Triple Agency — Full-Stack Engineer

Jul 2025 – Jan 2026

- Designed and delivered healthcare, logistics, referral, and competition platforms.
- Built scalable REST APIs, real-time features, and third-party integrations across multiple industries.

Freelance — Independent Software Consultant & Full-Stack Engineer

Jul 2025 – Jan 2026

- Led the complete software delivery lifecycle for custom client projects from requirements gathering to production deployment.
- Acted as sole developer responsible for architecture, development, testing, deployment, and maintenance.
- Collaborated directly with clients to define business requirements, technical roadmaps, and product workflows.

Harvest British College — Software Developer

Jul 2024 – Jun 2025

- Built CRM, operations, finance, and HR modules using Laravel and Blade for a live education institution platform.
- Developed REST APIs supporting mobile applications and automated internal workflows.
- Delivered customer and instructor portals plus bilingual public website at harvestcollege.co.uk.

Selected Projects

BoatBnB + ERP — Multi-Platform Boat Rental Marketplace & Operations System

Freelance | Sole Developer | Jul 2025 – Jan 2026

Sole developer responsible for business analysis, architecture, frontend, backend, infrastructure, testing, deployment, and maintenance.

- Architected Laravel 12 monorepo with 5 role-based applications (customer, provider, agency, guest, admin) and integrated ERP back-office.

- Developed REST APIs for bookings, payouts, referrals, and moderation — supporting 10 languages and multi-role business workflows.
- Integrated Stripe payments, Agora real-time chat/calling, GPS boat tracking, AWS S3 media, and Redis caching.
- Owned complete product lifecycle as sole developer: requirements, architecture, development, Docker deployment, and maintenance.

Tech Stack: Laravel 12, PHP 8.2, Vue.js 3, MySQL, MongoDB, Redis, Sanctum, Socialite, Stripe, AWS S3, Agora SDK, Firebase, Docker, Nginx.

Portfolio: abdelrahman1203.github.io/project.html?id=04-boatbnb-erp-monorepo | GitHub: github.com/Abdelrahman1203/boatbnb-erp-monorepo

Harvest British College (SYS) — Education ERP & CRM

Software Developer | Jul 2024 – Jun 2025 | Live: harvestcollege.co.uk

- Built modular Laravel ERP with 7 nwidart modules — replaced spreadsheet-based lead tracking with CRM pipeline and source attribution.
- Delivered 3 portals (admin, customer, instructor) plus bilingual CMS website — live at harvestcollege.co.uk.
- Implemented 20+ operational reports, class/group lifecycle, placement tests, and Twilio SMS follow-up automation.
- Shipped self-service student enrollment with OTP login and online payments — reducing office-only registration dependency.

Tech Stack: Laravel 10, Livewire, MySQL, nwidart Modules, Spatie Permission, Twilio, JWT, Sanctum, Pusher.

Portfolio: abdelrahman1203.github.io/project.html?id=10-harvest-british-college | GitHub: github.com/Abdelrahman1203/harvest-british-college | Case Study: abdelrahman1203.github.io/doc.html?path=case-studies/harvest-british-college.md

RNS HR — Multi-Tenant HR Platform (RNS Cinemas)

Full-Stack Engineer | Live: hr-app.rnscinemas.com/hr

- Engineered production HRMS with 22 modular domains — live multi-tenant deployment at hr-app.rnscinemas.com.
- Designed landlord + isolated tenant MongoDB architecture for SaaS-ready multi-company provisioning.
- Integrated ZKTeco biometric devices via push API and Windows bridge — eliminated manual attendance spreadsheets.
- Built configurable payroll rule engine (deduction tiers, overtime brackets, violation escalation) and React 19 bilingual admin SPA.

Tech Stack: Laravel 12, PHP 8.3, React 19, MongoDB, TanStack Query, Tailwind CSS 4, ZKTeco, Sanctum, Playwright, Docker.

Portfolio: abdelrahman1203.github.io/project.html?id=11-rns-hr | GitHub: github.com/Abdelrahman1203/rns-hr

BlackHorse — B2B Wholesale & Delivery Platform

Built 240+ REST API endpoints supporting 5 user roles (supermarket, supplier, driver, admin, store) with real-time Socket.IO order tracking, group purchasing, and store accounting — replacing manual phone-based ordering.

Portfolio: abdelrahman1203.github.io/project.html?id=01-blackhorse | GitHub: github.com/Abdelrahman1203/blackhorse-platform

ERP Arabia — Warehouse & Inventory ERP

Developed multi-branch warehouse ERP with purchase approval workflows, inter-warehouse transfers, and 10+ exportable bilingual EN/AR reports — unifying inventory operations across branches.

Portfolio: abdelrahman1203.github.io/project.html?id=03-erp-arabia | GitHub: github.com/Abdelrahman1203/erp-arabia

Estshary — Healthcare Platform

Implemented appointment workflows across 118+ database migrations with OpenAI-powered doctor recommendations, OCR processing, Firebase push notifications, and mobile JWT APIs.

Portfolio: abdelrahman1203.github.io/project.html?id=06-estshary-admin | GitHub: github.com/Abdelrahman1203/estshary-admin

HR Management System

Engineered payroll and attendance platform with ZKTeco biometric sync, configurable deduction/overtime rules, and automated payroll exports across 13+ admin modules.

Portfolio: abdelrahman1203.github.io/project.html?id=08-hr-system | GitHub: github.com/Abdelrahman1203/hr-system-docs

Portfolio & GitHub — All Projects

BlackHorse: abdelrahman1203.github.io/project.html?id=01-blackhorse | github.com/Abdelrahman1203/blackhorse-platform

Real Estate All-Stars: abdelrahman1203.github.io/project.html?id=02-real-estate-all-stars | github.com/Abdelrahman1203/real-estate-all-stars

ERP Arabia: abdelrahman1203.github.io/project.html?id=03-erp-arabia | github.com/Abdelrahman1203/erp-arabia

BoatBnB + ERP: abdelrahman1203.github.io/project.html?id=04-boatbnb-erp-monorepo | github.com/Abdelrahman1203/boatbnb-erp-monorepo

Eastern & Co Law ERP: abdelrahman1203.github.io/project.html?id=05-easternco-law-erp | github.com/Abdelrahman1203/easternco-law-erp

Estshary Admin: abdelrahman1203.github.io/project.html?id=06-estshary-admin | github.com/Abdelrahman1203/estshary-admin

Estshary Patient: abdelrahman1203.github.io/project.html?id=07-estshary-patient-site | github.com/Abdelrahman1203/estshary-patient

HR System: abdelrahman1203.github.io/project.html?id=08-hr-system | github.com/Abdelrahman1203/hr-system-docs

TRC Referrals: abdelrahman1203.github.io/project.html?id=09-trc-referrals | github.com/Abdelrahman1203/trc-referrals

Harvest British College: abdelrahman1203.github.io/project.html?id=10-harvest-british-college | github.com/Abdelrahman1203/harvest-british-college

RNS HR: abdelrahman1203.github.io/project.html?id=11-rns-hr | github.com/Abdelrahman1203/rns-hr

Education

Bachelor of Computer Science — October 6 University

Graduated: July 2021

Graduation Project: Smart Public Garage integrating Arduino NodeMCU, ultrasonic sensors, online reservations, and secure payment workflows.

Technical Skills

Languages: PHP, JavaScript, TypeScript, SQL

Frameworks & Libraries: Laravel, Node.js, Express.js, Vue.js, React, Flutter, Blade, Tailwind CSS, Bootstrap, Alpine.js

Databases & Caching: MySQL, MongoDB, Redis

Real-Time: Socket.IO, Agora SDK, WebSockets, Firebase Cloud Messaging

DevOps & Cloud: Docker, Linux, Nginx, CI/CD, AWS S3, PM2, Supervisor, VPS Management

Architecture: REST APIs, RBAC, SOLID Principles, Clean Architecture, System Design, Event-Driven Systems, Multi-Tenant Systems

Integrations: Stripe, Fawaterak, OpenAI API, Twilio, BeonSMS, Cloudinary, SendGrid, Tesseract OCR

Testing & Tools: Postman, Git, GitHub, PHPUnit, Jest, Vitest, Playwright

Languages

Arabic — Native

English — Professional Working Proficiency