

SALEM HUSSAMELDEEN SHURRAB

Full-Stack Software Engineer · AI Integration

Madinah, Saudi Arabia · salemshurrab8@gmail.com · +966 56 001 9865 · in/salem-shurrab · github.com/shglp1 · salem-shurrab.pages.dev

SUMMARY

Full-Stack Software Engineer specializing in AI integration, with 6+ business systems and 6+ live websites delivered for Saudi organizations. Strong in MERN, Next.js, Laravel, and PostgreSQL, with hands-on AI automation using n8n, LangChain, and OpenAI/Gemini APIs. First Honor Software Engineering graduate (GPA 3.91/4.0) and co-author of a peer-reviewed SusTAIN 2026 paper.

EXPERIENCE

Software Engineering & AI Training Supervisor · QaderTech Jul 2026 – Aug 2026

- Trained and supervised 10 interns through an 8-week, 320-hour program in two tracks: building the Qader Academy web platform, and prototyping Sadaa AI, an agentic hospital-operations assistant on simulated data.

ABET Committee Support (Student Employment) · Prince Mugrin University Jan 2026 – Aug 2026

- Prepared accreditation documentation and coordinated student interviews for the Software Engineering department's ABET visit; received a Certificate of Appreciation from the University President.

Sole PMS Developer (Contract) · Waqf Al-Amir Abdul Ahad Bukhari Oct 2025 – Apr 2026

- Architected and shipped an end-to-end Property Management System MVP as the sole engineer in 3 weeks, replacing manual workflows.
- Automated rent tracking and contract generation, cutting a 2-week process to a single action, with Paid/Due/Overdue dashboards.
- Designed the PostgreSQL data layer, AWS S3 storage, PDF/Excel reports, and role-based access; supported it 6 months after launch.

IT Specialist & Backend Developer (Internship) · Labayh Health Care Jul 2025 – Sep 2025

- Built a PHP Elasticsearch sync moving 5,000 consultant profiles to labayh.net in under 3 minutes, scheduled off-peak via cron.
- Restored accurate discount-code and affiliate data in the Affiliate Pulse dashboard; kept building MERN features afterwards.

Freelance Full-Stack Engineer · Self-Employed 2024 – Present

- Deliver production websites and management systems for paying clients end to end, from requirements and client meetings to deployment, SEO, and support, including Student Enrollment and Inpatient Management Systems.

Network & IT Setup Specialist · Shahm Digital Lab Oct 2023 – Apr 2024

- Set up the network and IT infrastructure of the Madinah region's first digital lab, opened by the Emir of Madinah in April 2024.

PROJECTS

- NUBL – Digital Sadaqah Platform** (Capstone, 2026; peer-reviewed paper at SusTAIN 2026, #62) – donor-recipient-provider platform with short-lived QR redemption, a hash-chained (HMAC-SHA256) audit log, MyFatoorah payments, and Taqnyat OTP; led the provider side and passed all 51 test scenarios.
- Qader Production Management System** – Next.js 16 and PostgreSQL operations suite with three portals: geofenced attendance, shoots and equipment, finance, and payroll.
- Fizza School & Family Transport** – Next.js 15, Prisma, and MySQL platform with live GPS tracking and MyFatoorah; 64 test suites and k6 load tests at 50,000 concurrent users.
- Diesel Inventory & Payments** (atomic financial operations, PDF statements) and **Truck Ordering App** (Expo + Laravel 12, open source).
- Live websites** – qadertech.com · qaderpro.com · drtalha-law.com (Next.js 15, PostgreSQL, OpenAI chat assistant) · binhamdanlaw.com · neonsah.com (PWA) · tedxupm.com (React 19)
- Office Email Management Agent** (Agentic AI, 2026) – multilingual agent that classifies and routes incoming email by urgency and importance with 100% accuracy in testing, using prompt engineering and RAG pipelines.

EDUCATION

B.Sc. in Software Engineering · Prince Mugrin University · GPA 3.91/4.0 (First Honor) 2026

- Certifications: Microsoft AZ-900, DP-900 · Google Project Management Professional · Google Foundations of UX Design · Red Hat OpenShift (Containers & Kubernetes, Dev I) · Google Cloud Intro to AI · Simplilearn Generative AI · Coursera Agile, API Design
- Awards: First Honor · GDSC Leadership · Programming Competition (2nd) · ABET Certificate of Appreciation · SusTAIN 2026 Recognition
- Leadership: Lead, Google Developer Student Club (2023 – 2026) – 10+ workshops and hackathons for 500+ students, industry partnerships including Hash Plus, and the Bayan AI voice assistant.

SKILLS

Languages & Frontend: JavaScript, TypeScript, PHP, Python, Java, SQL · React, Next.js, Vue.js, Tailwind CSS, Alpine.js
Backend & Data: Node.js, Express, Laravel, Spring Boot, Django, Flask · PostgreSQL, MySQL, MongoDB, Supabase, Prisma, Elasticsearch
AI & Automation: LangChain, LangGraph, n8n, RAG pipelines, OpenAI/Gemini APIs, prompt engineering
Cloud & Testing: Vercel, DigitalOcean, AWS S3, Docker, GitHub Actions, PHPUnit, Playwright, k6, SonarQube
Languages: Arabic (Native) · English (Professional Working Proficiency)