AHMED EMIRA — Full-Stack Software Engineer

Riyadh, KSA • Phone: **+966 546210130** • Email: **a@a-emira.com**

• LinkedIn: **linkedin.com/in/a-emira** • Portfolio: a-emira.com

SUMMARY

8+ years building ERP-grade web systems in KSA. Delivers end-to-end modules—project management, maintenance, procurement, inventory, accounting/VAT, real-time collaboration, and analytics/reporting—turning manual workflows into fast, reliable web apps. Known for clean API design, high performance, and stable releases with bilingual UX (RTL/LTR). Primary stack: Node.js/Express; strong PHP (CodeIgniter/Laravel) for legacy systems and smooth migrations.

SKILLS

Frontend: HTML5, CSS3, Bootstrap 5, JavaScript (ES6+), jQuery, EJS

Backend: Node.js, Express, PHP (CodeIgniter/Laravel), Python (Flask)

Databases: MySQL, PostgreSQL, MongoDB, Firebase

Architecture: REST APIs, MVC, WebRTC, Socket.IO, Redis, PWA, Caching, JWT, Input Validation, Rate Limiting

Hosting/DevOps: Linux administration, Nginx (reverse proxy), Apache, Docker, Git, CI/CD, SSL/TLS, Backups, Monitoring, Plesk, cPanel

Cloud/Infra: Alibaba Cloud (ECS), AWS, GCP

Also familiar with: React, Next.js, TypeScript

EXPERIENCE

Enzar Operation & Maintenance Co. — Full-Stack Software Engineer | Riyadh | Feb 2018–Present

- Led delivery of ERP modules adopted across government and enterprise projects, replacing spreadsheets and ad-hoc tools and significantly reducing processing time.
- Implemented **PWA** with service worker **precaching/runtime caching** and an **offline fallback**, yielding faster page loads, continuity on weak networks, and smooth background updates.
- Integrated **WebRTC** voice/video with screen sharing and **real-time** updates via Socket.IO to coordinate daily operations.
- Drove performance and reliability improvements (observability, logging); key pages reduced from **~3.2s → ~1.1s**.
- Scoped requirements with stakeholders, planned sprints, and shipped on schedule with clear release notes.

Googan Web Solutions — Full-Stack Software Engineer | Jan 2018–Feb 2018

- Developed features for client sites in Laravel/CodeIgniter over a short engagement.

Wedian Technical Co. — IT Admin & Assistant Manager | Apr 2014–Jan 2018

- Built a lab ERP (workflow + reports) and handled IT operations (networking, backups).

LandMark Ltd — IT Admin & Assistant Manager | Mar 2012–Apr 2014

- Developed internal tools and supported procurement/IT operations.

PROJECTS

Tatweer Platform — Founder/Lead Engineer (2024–Present)

- Built a modular **ERP web platform** that centralizes project execution, procurement, inventory, finance/VAT, HR, dashboards, and analytics into a single operational command center.
- **Project & Ops:** Projects, tasks (with SOP stages & KPIs), assets, and technical reports—with traceability and printable documents (signatures, QR links).
- **Procurement:** Suppliers, Materials Request hub, MR → PR → PO → GRN flow, delivery tracking, and estimated vs. actual cost comparison.
- **Inventory:** Materials catalog, serial-number tracking, stock status, movement history, and store receipts (four controlled transaction types).
- **Finance (VAT-ready):** Multi-currency transactions with automatic FX handling; journal automation with reversal/audit trail; period locks; ledger-driven engine; core financial statements with bilingual export.
- **Analytics & UX:** Uniquely styled dashboards with switchable chart types, per-project/monthly aggregations; **bilingual RTL/LTR**, dark/light themes, and a built-in layout customizer.
- **Conversations (in progress):** Real-time messaging plus WebRTC audio/video and screen share to unify collaboration with operations; staging complete, production rollout planned.
- **Demo:** tatweer.app — credentials on request

EDUCATION

B.Sc. Information Systems — Future Academy (2013)

CERTIFICATIONS

Full-Stack Web Development Diploma (YAT Learning); CCNA (Cairo University)