YASSER REYADH

Full-Stack Engineer | ERP Architect | AI Solutions Specialist

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Summary

Results-oriented **Full-Stack Engineer** architecting scalable enterprise systems, AI solutions, and automated workflows. Proven expertise in the **Frappe/ERPNext** ecosystem, modern web development (React/Next.js), and **DevOps** (VPS management, CI/CD). Recognized for innovation with a **3rd place Hackathon win** for assistive AI technology. Skilled in streamlining business operations through **n8n** automation and Python scripting, delivering secure, high-performance solutions for healthcare, retail, and corporate clients.

Technical Skills

- **Languages:** Python, TypeScript, JavaScript (ES6+), Rust, SQL, HTML5, CSS3.
- **Frontend & Mobile:** React.js, Next.js, Vue.js, React Native (Expo), Tailwind CSS, Shadcn UI.
- **Backend & ERP:** Node.js, Express.js, Frappe Framework, ERPNext, FastAPI.
- **AI & Automation:** LLM Integration, LangGraph, n8n, Python Automation, AI Agents.
- **DevOps & Cloud:** Docker, VPS Management, Linux Security, CI/CD, Nginx, AWS, DigitalOcean.
- **Databases:** PostgreSQL, Supabase, Redis, MySQL, MongoDB.

Professional Experience

Full-Stack Developer at E2NEXT

Baghdad, Iraq | Feb 2024 – Present

- **Full-Stack Development:** Architected and deployed 10+ enterprise-grade applications using Frappe/ERPNext and the MERN stack for healthcare and retail clients, improving overall operational efficiency by **35%**.
- **Infrastructure & Security:** Managed end-to-end VPS infrastructure for the company and clients. Implemented rigorous security protocols, firewall rules, automated

backups, and deployment pipelines, ensuring **99.9% uptime**.
- **Automation Engineering:** Designed complex automation workflows using **Python and n8n**, reducing manual data entry and cross-platform synchronization tasks by **40%**.
- **AI Integration:** Developed "MediBrief," a healthcare AI assistant for shift management, and "aqlix-ai," a culturally intelligent AI chat system for the Iraqi market.
- **API & Microservices:** Engineered robust RESTful APIs to integrate ERPNext with external platforms (WooCommerce, GrandStream, Mobile Apps), saving clients **25+ hours weekly**.
- **POS Systems:** Built an offline-first POS system using Electron with real-time sync for multi-branch retail operations supporting **100+ daily transactions**.

IT Specialist | Alwarda Supermarket

Baghdad, Iraq | Oct 2022 – Dec 2023

- Managed IT infrastructure for **50+ POS terminals** across multiple retail branches, maintaining reliable connectivity and securing network systems using Mikrotik and Cisco tools.
- Reduced hardware procurement costs by **15%** and downtime incidents by **60%** through proactive maintenance and vendor management.
- Provided **L2 technical support** for ERP and POS systems, conducting root-cause analysis and improving issue resolution time by **70%**.

Honors & Awards

3rd Place Winner | LabLab.ai AI Genesis Hackathon (Nov 2025)

- **Project: EchoMind** ([View Repo](#))
- Developed a visual communication tool using Generative AI to translate image selections into speech for non-verbal children with autism.
- Praised for social impact and technical execution in accessibility-first design.

Key Projects

MediBrief (Healthcare AI Assistant)

- *Tech Stack: AI Agents, Document Processing, Shift Management*
- Developed an AI-powered assistant for healthcare professionals that processes patient documents and generates personalized daily briefings and medical context summaries.

DevOps & Automation Infrastructure

- *Tech Stack: Python, n8n, Docker, CI/CD Pipelines*
- Engineered a custom CLI tool (readme-to-cicd) to automate pipeline generation and managed secure VPS environments, streamlining deployment for multiple client applications.

Restaurant IoT Gateway

- *Tech Stack: Node.js, Hardware Integration, Offline Sync*
- Built a local API gateway running on Raspberry Pi to bridge offline restaurant POS systems with Cloud ERP, ensuring 100% data continuity during internet outages.

Certifications

- Cisco Certified Network Associate (CCNA)
- Mikrotik Certified Network Associate (MTCNA)