

Ismael Alkrad

Full-Stack Software Engineer

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Professional Summary

Full-Stack Software Engineer with 3+ years of experience developing scalable SaaS, ERP, automation, and healthcare systems. Specialized in Vue.js, Nuxt, TypeScript, and ERPNext / Frappe Framework, with a strong focus on clean architecture, workflow automation, and performance optimization. Experienced in building headless ERP solutions, node-based flow systems, custom dashboards, and production-grade platforms used by real clients across multiple industries, including infrastructure and cloud service management.

Experience

Senior Front-End Developer - Hawsabah (March 2026 – Present)

- Developed and maintained dynamic flow-based systems using interconnected nodes and engine-driven execution logic.
- Built and optimized front-end applications using Vue 3 and Quasar Framework to deliver scalable and responsive user interfaces.
- Managed and configured infrastructure services including domains, VPS hosting, and cloud environments for clients in Saudi Arabia.
- Collaborated on workflow automation and system integration to improve platform performance and operational efficiency.

Software Developer - Nixpend (Dec 2023 – Feb 2026)

- Built and maintained scalable ERP and healthcare web applications using Vue 3, Nuxt 4, TypeScript, and Frappe
- Designed REST APIs enabling smooth frontend-backend integration and modular architecture.
- Integrated ERPNext as a headless backend to support custom UI and workflows.
- Fixed critical production issues and optimized backend logic, reducing system errors and improving overall application stability in a live environment.
- Used in real clinical workflows to manage patients, appointments, and medical records.

Projects

Hospital Information System (HIS)

- Built modern healthcare frontend using Vue 3, TypeScript, and Tailwind CSS.
- Implemented real-time updates via WebSockets
- Designed patient, appointment, and comment modules aligned with real hospital workflows.
- Tech: Vue 3, TypeScript, Tailwind, Frappe, MariaDB, WebSockets

Full-Stack Store Platform

- Developed a SaaS-ready classified store platform using Nuxt 4 and Vue 3.
- Integrated Frappe/ERPNext as headless backend with Dockerized infrastructure.
- Implemented authentication, PWA features, filtering, and state management with Pinia.
- Tech: Nuxt 4, Vue 3, TypeScript, Tailwind, Docker, ERPNext

Payment Integration API

- Built custom payment integration using NestJS connected with ERPNext accounting flows.
- Automated invoice payments and gateway interactions securely.
- Automated sales invoice payments to improve operational efficiency.
- Tech: NestJS, TypeScript.

Skills

Languages: JavaScript, TypeScript, Python, SQL

Frontend: Vue 3, Nuxt 4, Tailwind CSS, ShadCN, FrappeUI, Quasar

Backend: Frappe Framework, ERPNext, NestJS

Databases: MariaDB, MongoDB, MySQL

DevOps: Docker, Docker Compose

Tools: Git, Pinia, Axios, WebSockets

Highlights

- Experience building headless ERP systems using ERPNext
- Strong understanding of healthcare workflows and data models
- Comfortable working in remote and async environments

Education

BSc in Software Engineering – Israa University

- GPA: 87.8 / 100

LANGUAGES

Arabic: Native

English: Professional Working Proficiency