

MOHAMED ASHAIBI

CHIEF TECHNOLOGY OFFICER & SYSTEMS ARCHITECT

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PROFESSIONAL SUMMARY

VP of Engineering & Head of Development at Vanex. Expert Fullstack Architect with a stellar decade of experience designing and scaling complex enterprise SaaS, locked government systems (100k+ users), high-speed health insurance claims portals, and hardware-accelerated 3D WebGL interfaces. Deeply skilled in Vue.js, Laravel, C#, .NET Core, SQL optimizations, and containerized Docker configurations.

PROFESSIONAL EXPERIENCE

Vanex | May 2025 – August 2026

Chief Technology Officer & Systems Architect

Accomplished a 40% reduction in system latency and zero data-loss during high-throughput loads, as measured by our infrastructure audits, by orchestrating a massive migration from a legacy monolith to a microservices architecture and deploying dedicated FTTH networks.

Technology Investment Company | June 2022 – May 2025

Head of Engineering & Systems Architect

Accomplished the complete elimination of expensive third-party SaaS dependencies, measured by significant procurement cost reductions, by engineering a bespoke, high-performance in-house Database Manager using Laravel and Vue.js to resolve operational bottlenecks.

General Health Insurance Fund | January 2019 – May 2022

Senior Backend Engineer

Accomplished 99.99% uptime in complex multi-provider transaction processing, measured by system health telemetry, by integrating a resilient, abstracted payment microservice leveraging the Strategy Pattern.

SKILLS

Laravel Framework, Vue.js & SPA Architecture, PHP (8.x), Modern JavaScript / ES6+, ERPNext/Frappe Framework, Microservices Architecture, Strategy Pattern & OOP, REST / GraphQL APIs, Complex Data Migration, Self-Hosted Infrastructure, Docker & Containerization, Local-First Architecture, Redis Distributed Caching, Appwrite / BaaS, Technical Team Leadership

PROJECTS

Ministry of Education HR System

Designed and led development of the centralized human resources platform for the Ministry of Education. Integrated biometric clocks, payroll accounting, leave schedules, and secure bank-transfer endpoints.

General Health Insurance Portal

Developed high-security Laravel application for managing public health claims and doctor/hospital interactions. Features optimized search queries across millions of rows, complex CSV reports, and strict HIPAA-like encryption audits.

Api Checkpoint | github.com/mohamedashaibi/api-checkpoint

Explore this public open-source project directly on GitHub.

EDUCATION

HIIT | 2017 – 2021

Bachelor of Science in Computer Engineering