

YAHYA FAKHROJI

Senior Software Engineer · Web · Mobile · Desktop · Backend
Curriculum Vitae

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PROFILE

Software engineer with over a decade of experience designing and delivering production-grade applications across web, mobile, desktop, and backend. Works across the full product lifecycle — architecting systems, building polished interfaces, implementing services and APIs, and deploying to cloud and edge infrastructure. Has modernized enterprise portals for global cloud providers (Equinix, Packet), led multi-app commerce ecosystems for emerging markets (Futr Asia), and built crypto payment and wallet products (MugglePay, Rozo Wallet). Passionate about clean architecture, developer experience, and reliable, user-centric software, and comfortable mentoring teams and owning initiatives end to end.

TECHNICAL SKILLS

Languages & Web	TypeScript, JavaScript, React, Next.js, React Router v7, Angular, Vue, Nuxt, Svelte
Mobile & Desktop	React Native, Expo, Capacitor, Ionic, Electron, PWA
Backend & Data	Node.js, NestJS, Hono, AdonisJS, Python, FastAPI, PHP, Laravel, GraphQL, REST, PostgreSQL, MySQL, Supabase
Web3 & Blockchain	Stellar, Soroban, smart wallets, PasskeyKit, WalletConnect
UI & Design Systems	Tailwind CSS, Chakra UI, Ant Design, Angular Material, shadcn/ui, Figma-to-token workflows
DevOps & Cloud	Docker, Kubernetes, CI/CD, Cloudflare Workers, Git, Vite, Bun
Practices	Agile/Scrum, code review, performance optimization, technical leadership, mentoring

PROFESSIONAL EXPERIENCE

Datum New York, US (Remote)
Senior Frontend Engineer

Jan 2025 – Present

- Build and maintain Datum Cloud's customer and staff portals using React, React Router v7, TypeScript, Hono, and Bun, deployed on Kubernetes.
- Drive the migration of legacy UI packages into a unified component library, standardizing the design system and accelerating feature delivery across teams.
- Lead a V3 frontend architecture initiative migrating the BFF layer from Express to Hono with React Query for more performant, type-safe data flows.
- Implement permission-aware UI on top of the platform's RBAC module and contribute to security incident response, including remediation tooling and timeline reporting.
- Deliver features spanning a Quotas page redesign, DNS record management (BIND zone parsing with Zod validation and Kubernetes CRD integration), and a background task queue with real-time SSE progress updates.

MugglePay Singapore (Remote)
Full Stack Engineer

Mar 2024 – Dec 2024

- Developed full-stack features for a crypto payment gateway, integrating digital-asset payment flows across web services and merchant portals.
- Designed and consumed APIs spanning frontend and backend, focused on reliability and a smooth checkout experience for merchants.

Equinix (Equinix Metal) New York, US (Remote)
Consultant Product Developer

Mar 2020 – Aug 2024

- Engineered the digital layer for one of the world's largest bare-metal cloud providers, serving thousands of enterprise users.
- Built and maintained the Staff Portal (Angular, Angular Material) and Customer Portal (Next.js, React), shipping feature enhancements with cross-functional teams.

- Ensured high availability and seamless experiences for bare-metal cloud infrastructure customers, applying clean-code practices, code reviews, and performance optimization.

Futr Asia Malang, Indonesia

Sep 2022 – Feb 2024

Full Stack Web Developer & Project Leader

- Led the Lini commerce ecosystem (Courier, Seller, Store, Mitra, and Nala apps) from concept to production, powering digital transformation for Indonesian SMEs/UMKM.
- Shipped offline-first PWAs deployed as native Android apps via Capacitor, using React, Angular, and real-time GraphQL.
- Mentored team members, coordinated cross-app development workflows, and owned system architecture and integrations.

Packet Host United States (Remote) · Acquired by Equinix

Mar 2018 – Mar 2020

Front End Developer

- Migrated legacy AngularJS portals to Angular 2+, significantly improving performance and maintainability.
- Contributed to both Staff and Customer portals across React, Angular, and Laravel for bare-metal cloud infrastructure customers.

Dinkum Interactive United States (Remote)

Jul 2016 – Mar 2018

Web Developer

- Developed custom WordPress and WooCommerce plugins with third-party API integrations for international clients.
- Built full-stack applications with Phalcon (PHP) and MithrilJS, including Copilot (analytics monitoring) and MuseCRM (SaaS ticketing).

Montazze Studio Malang, Indonesia

Apr 2015 – Jun 2016

Web Developer

- Built custom WordPress themes and WooCommerce extensions, translating designs into pixel-perfect, responsive interfaces.
- Collaborated closely with design teams to ensure precise implementation of creative concepts.

SELECTED PROJECTS

Commerce & Logistics

Lini Ecosystem

2022 – 2024

Five-app commerce platform (Courier, Mitra, Seller, Store, Nala) for Indonesian SMEs/UMKM, shipped to web and native Android. React, Angular, Vite, GraphQL, Chakra UI, Ant Design, Capacitor, PWA.

Keppack

2019 – 2022

Co-warehousing and e-commerce fulfillment system for online sellers, spanning customer and staff apps. Nuxt.js, Ant Design.

Kelola WMS

2021 – 2022

Marketplace-integrated warehouse management connecting order fulfillment with major marketplaces. Angular, Angular Material, Tailwind CSS.

Fintech, Payments & Crypto

Rozo Wallet

Cross-platform crypto wallet with Stellar smart wallets, passkey authentication (PasskeyKit), deep-link payment callbacks, and an EAS iOS build pipeline. React Native, Expo.

Moinves

2018 – 2020

Mutual-fund investment platform and API for PT Mandiri Manajemen Investasi, broadening retail investment access. PHP, PrestaShop, Bootstrap.

Hospitality & Point of Sale

Bonbon Merchant (POS)

2020 – 2021

Feature-rich point-of-sale system powering restaurant operations. Angular, Bootstrap, PWA.

Bonbon Customer

2019 – 2020

Digital dining app with table booking, ordering, split bills, and payments. Nuxt.js, Framework7, PWA.

Workforce & Field Operations

Rosty

2021 – 2022

End-to-end workforce management and automation platform with client and admin apps. Angular, Angular Material, Tailwind CSS.

Site Survey Mobile

2017

Geolocation-based field survey app powering cloud project management. Angular, Ionic, WordPress.

Early Platforms

Copilot

2016 – 2018

In-house analytics and data-integration system unifying diverse client data for faster decision-making. Phalcon (PHP), MithrilJS.

MuseCRM

2016 – 2018

SaaS online ticketing and customer-management platform. AngularJS, Bootstrap.

OPEN SOURCE & PERSONAL PROJECTS

- **hiyahya.dev** — Personal portfolio and CV site with an 80s synthwave aesthetic. Next.js 16, Bun, deployed on Cloudflare Workers.
- **pusher-ts** — Open-source Pusher server-side SDK for real-time messaging. TypeScript, Express (Apache-2.0).
- **Starter templates** — Open-source boilerplates for NestJS, Next.js SaaS, and React admin dashboards, plus Telegram bot starters in TypeScript and Python.

EDUCATION

Atlas Nusantara Technology University

2013 – 2018

Bachelor of Informatics Engineering · GPA 3.63

LANGUAGES

Indonesian

Native or bilingual proficiency

English

Professional working proficiency