

Jerrick Hakim

Full-Stack Engineer · Technical Founder · AI Tools, Infra, and Developer Experience Specialist

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Technical founder and full-stack engineer with extensive experience building complex systems, developer tools, AI-driven workflows, and high-velocity engineering processes. Proven ability to operate across engineering, infra, product, and operations. Thrive in ambiguity, build processes from zero, and drive technical execution end-to-end.

EXPERIENCE

Founder and Lead Engineer

2018 - PRESENT

Forward-thinking technical founder who architected, secured, and shipped multiple production-grade applications end-to-end. Led engineering, infra, and product execution across web, mobile, AI, and cloud systems with a balanced focus on reliability, collaboration, and fast, high-quality delivery.

RepoGo (repogo.app) — The AI Powered Code Editor for iOS – October 2025 – Present

- Shipped a fully working mobile IDE prototype with GitHub push/pull, AI chat, live preview, and real-time logs — all running directly on-device through Expo.
- Researched and engineered mobile developer workflows, creating an Expo-powered coding experience that feels fast, intuitive, and genuinely natural on mobile.
- Defined the architecture, vector pipeline, and core workflows for a mobile-first AI development environment, including agentic file operations and code generation flows.
- Integrated a CodeMirror WebView diff reviewer with accept/reject controls for frictionless AI-driven code edits.

RockoAI (rockoai.com) — AI-Powered Code Editor & Learning Platform (*Superseded by RepoGo*) – April 2025 – October 2025

- Shipped a multi-model benchmarking playground using Vercel AI Gateway and OpenRouter, comparing Claude, GPT, and Gemini side-by-side with real-time token, speed, and cost analytics
- Built a browser-based IDE from scratch using Monaco, with agentic code edits and a diff-based accept/reject workflow for a full VS Code/Cursor-grade editing experience.
- Designed secure, isolated sandbox environments using Docker on Fly.io.
- Shipped an AI-powered OG image generator with a live Monaco editor, real-time SVG/MP4 previews, custom animation controls, and Vercel OG for on-demand image rendering.

Boppr (boppr.com) — CTO — Digital Business Card Platform – Jan 2021 – Present

- Led the development of a digital business card platform powered by NFC, creating a seamless tap-to-share user experience on web and mobile.
- Mentored and collaborated closely with two co-founders, providing technical guidance and strategic input on feature development, value propositions, and go-to-market positioning.
- Managed the lifecycle of mobile deployment, including App Store and Play Store submissions, reviews, and release cycles.

VenueRun (venuerun.com formerly menuify.app) — E-Commerce Platform (*On hold while focusing on AI tools*) – 2020 – 2024

- Architected and developed a multi-tenant e-commerce platform enabling merchants to manage online orders at scale.
- Built a proprietary ingestion tool to convert PDFs/images into structured menu data (>95% time savings).
- Integrated Stripe and Square for payment processing.
- Designed the full-stack serverless architecture using Next.js, Vercel, and proprietary APIs to ensure maximum flexibility and real-time ordering logic.

Fileie (fileie.com) — AI Bookkeeping App (*Paused after last rebuild*) – 2018 – 2025

- Built a scalable real-time finance dashboard with Next.js and Firestore.

- Developed a cross-platform mobile app using Expo and React Native, featuring an AI-driven receipt scanner that automated expense categorization.
- Engineered a high-performance analytics engine capable of processing and categorizing over 1,000 transactions in under 60 seconds.
- Leveraged built-in Swift APIs like Vision and PDFKit.

MediaDoodle (mediadoodle.com) — Social Card Image API *(Paused after initial release)* — Aug 2024 — Sept 2024

- Built a dynamic social card generation API for creating customizable social cards at scale.
- Designed with a strong focus on developer experience (DX) and ease of adoption for marketing and social automation use cases.

ClipReply (clipreply.com) — Interactive Video Platform *(Sunset after MVP)* — Jan 2022 — Aug 2022

- Engineered a complete serverless video pipeline using AWS Lambda, S3, CloudFront, and MediaConvert for automated transcoding, captioning, and global delivery.
- Implemented usage-based billing logic by metering storage, bandwidth, and compute to support a scalable monetization strategy.

Thriveific (thriveific.com) — Business Management Suite *(Legacy product)* — 2019 — 2020

- Architected and built a comprehensive SaaS platform for service-based teams, integrating invoicing, e-signatures, task tracking, and CRM features.
- Engineered a custom AJAX-based routing system to improve first paint performance by dynamically loading application components on demand, significantly reducing initial bundle size and user experience.

Property Manager / Owner-Operator — Beloit, WI

March 2017 – December 2024

- Managed 5 residential rental units, overseeing maintenance, leasing, and tenant relations.
- Collected payments, coordinated repairs, handled documentation and bookkeeping.
- Reduced vacancies and improved tenant satisfaction through direct communication and fast response times

Early Career (Retail & Sales)

Best Buy, AT&T — 2012–2017

- Roles across sales, management, customer service, device support, and retail operations.

EDUCATION

Blackhawk Technical College, Janesville WI

Foundational Coursework — September 2010 – June 2012

Frameworks & Libraries

Next.js, Nuxt, Vite, React, Vue, Svelte, Expo, React Native, Express, Tailwind

Languages

JavaScript, TypeScript, PHP

Backend & APIs

Node.js, Serverless (AWS Lambda), REST APIs, Firebase.

DevOps & Deployment

Docker, Vercel, Fly.io, AWS Google Cloud Platform, Cloudflare, NGINX