

AIDAN MANUEL-ARROYO

FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer experienced in building production web and mobile applications with React, Next.js, Node.js, TypeScript, and PostgreSQL. Built software for day-to-day business operations and a startup SaaS product, with hands-on experience across APIs, authentication, databases, AI integrations, mobile development, payments, containerization, deployment, and production troubleshooting.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL, HTML, CSS

Frontend: React, Next.js, React Native, Expo

Backend & Data: Node.js, REST APIs, PostgreSQL, Supabase, Firebase, Firestore

APIs & Integrations: OpenAI API, Stripe, Google Places API, BuiltWith API, Resend, Telnyx

DevOps & Tools: Docker, Render, Vercel, Expo EAS, Git, GitHub, Puppeteer

EXPERIENCE

International Protection Group Inc.

Burlington, ON | 2023 - Present

Full Stack Developer

Next.js · React · TypeScript · Node.js · Supabase · PostgreSQL · React Native · Expo

- Built and maintained **IPG Valor**, a production workforce management platform for a corporate security agency, supporting scheduling, time tracking, reporting, availability, dispatch, and employee operations.
- Developed **Node.js/Next.js APIs and PostgreSQL workflows** using Supabase, including authentication, role-based access, Row Level Security, and operational data for shifts, reports, timekeeping, and employees.
- Built the companion **React Native/Expo mobile app** with GPS- and photo-verified time clock features, shift management, reporting, availability, time-off requests, and push notifications across iOS and Android.
- Integrated **Telnyx, Resend, and Stripe** for SMS dispatch alerts, transactional emails, employee notifications, and payment workflows.
- Troubleshoot production issues across the stack involving API failures, database queries, authorization, CORS, asynchronous state, and web/mobile data synchronization.

SELECTED PROJECTS

WebbedLeads · webbedleads.com

Full Stack Developer · Startup SaaS

Next.js · React · Node.js · Supabase · PostgreSQL · OpenAI · Stripe · Docker · Render

- Built a SaaS lead-generation platform using the **Google Places API** to find businesses and identify companies with missing, outdated, or underperforming websites and Google Business profiles.
- Developed lead scoring and AI analysis using **OpenAI, Puppeteer, and BuiltWith** to grade business profiles, detect technology stacks, evaluate website quality, and surface upgrade opportunities.
- Built dedicated **Node.js services** for long-running scraping and analysis jobs, **Dockerized** the backend and deployed it to **Render**, with Supabase/PostgreSQL handling authentication and application data.
- Integrated **Stripe** for subscription billing and tier-based feature access, and **Resend** for transactional email workflows.

Sanova Web Solutions · sanovawebsolutions.com

Full Stack Developer

Next.js · React · TypeScript · Firebase · Firestore · Resend

- Build custom business websites using **Next.js, React, and TypeScript**, with a focus on responsive design, performance, and reusable components.
- Developed dynamic service and location pages with **technical SEO**, including metadata, XML sitemaps, robots directives, internal linking, and search-focused page structures.
- Built a **Firebase/Firestore-backed blog** with dynamic content and metadata generation, and integrated **Resend** for lead forms and transactional emails.