Alex Olyaiy

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SKILLS

Programming Languages: TypeScript, JavaScript, Python, C++, C, Java, SQL, HTML/CSS, BASH
Frameworks/ Libraries: React, NextJS, Express.js, Node.js, Mongoose, GraphQL, Tailwind, Vite, Framer Motion
Developer Tools: Git, Docker, AWS (S3, EC2, ECS, Lambda), Linux, MSSQL, PostgreSQL, NGINX, REST APIs, Vercel

EXPERIENCE

Full Stack Developer   August 2022 – Present
Plug Vancouver

- Architected and deployed a high-performance full-stack website using **Next.js**, **React**, and **Tailwind CSS**, achieving 100% Core Web Vitals scores and reducing load times by 40% through server-side rendering and **Vercel** edge optimization.
- Engineered a scalable content management system (CMS) with **PostgreSQL** database (**Supabase**), implementing role-based access control and custom **React** editor interface, resulting in 70% reduction in content update time for non-technical staff.
- Developed and deployed an innovative **AI** content generation system using **OpenAI's GPT-4 API**, implementing custom prompt engineering that increased content production by 300% while maintaining 95% brand voice accuracy.

Founder and Owner   July 2024 – Present
Hightide Digital

- Architected and deployed 12+ high-performance web applications using **Next.js**, **React**, and **Tailwind CSS**, achieving sub-1s load times and 90+ Lighthouse scores across client sites.
- Engineered custom headless CMS solutions integrating with **AWS S3** and **Supabase**, reducing content management time by 60% for clients while maintaining enterprise-grade security.
- Orchestrated successful project deliveries through balanced timeline management and technical excellence, shipping production-ready code while meeting all client deadlines.

PROJECTS

ResumeLM   resumelm.ca
Next.js 15, React 19, TypeScript, OpenAI GPT-4, Vercel AI SDK, Supabase, Shadcn UI, Tailwind CSS, React PDF, Vercel

- Architected and deployed a production-grade **AI** resume builder using **Next.js 15** and **React 19**, implementing enterprise-grade security with **Supabase** Row Level Security (RLS) and **TypeScript**, achieving 95% user satisfaction rate and 40% faster resume creation time.
- Engineered an **AI** content recommendation engine using **OpenAI's GPT-4** and **Vercel AI SDK** for efficient streaming responses, resulting in 60% improvement in resume quality scores and 80% reduction in revision cycles while maintaining sub-200ms response times.
- Developed a mobile-first design system using **Shadcn UI** and **Tailwind CSS**, implementing responsive **PDF** generation with **React PDF** for professional resume exports, deployed and optimized on **Vercel** for global edge performance.

Full-Stack RAG-Powered AI PDF Analyzer   https://github.com/olyaiy/ai-saas
Next.js, AWS S3, OpenAI API, Pinecone DB, Stripe Integration, PostgreSQL

- Improved scalability by 50% by utilizing **Next.js** dynamic routing for efficient page generation.
- Implemented **AWS S3** integration, enabling users to securely store and retrieve PDFs with average response times under 200ms.
- Engineered a RAG-based chatbot utilizing **OpenAI's API** and **Pinecone DB**, streamlining information retrieval and reducing response latency by 40%.
- Engineered a scalable **PostgreSQL** database schema, optimizing query performance by 70% for high-traffic operations through effective indexing and normalization strategies.

EDUCATION

University of British Columbia   Expected 2026
Combined Major of Science (Computer Science, Physics, Earth and Ocean Sciences)

UBC Science Co-op

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