ALEKSANDR KIRAKOSYAN

Full-Stack AI Engineer | E-commerce Apps & LLM/RAG Systems | Client-Facing Delivery

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PROFESSIONAL SUMMARY

I'm a Full-Stack AI Engineer with 5+ years of experience building e-commerce apps and AI-powered products for merchants and US clients. I work across React, TypeScript, Node.js, and Python, and build LLM features end to end: RAG pipelines, embeddings, vector search, AI chat assistants, and agents. I've shipped Wix Marketplace apps with 77,000+ installs, Shopify apps and custom client solutions, and my own AI products, including PaperBrainz, an AI support chatbot used on live websites. I work directly with clients from the first call to production, and I care about clear communication, fast delivery, and code that stays maintainable.

WORK EXPERIENCE

Senior Full-Stack Engineer | Presto-Changeo (Remote, California, US) *(2023 – Present)*

Wix Marketplace Apps & Wix Clients

- Develop and maintain a portfolio of 20 published Wix Marketplace apps with 77,000+ installs (React, TypeScript, Wix Design System, Node.js, Express, PostgreSQL)
- Develop PoCo ChatGPT Content Generator (13,600+ installs, 4.4/5 rating), an AI app that writes product descriptions, SEO meta tags, blog posts, and marketing copy for Wix stores with the OpenAI API, in selectable writing styles
- Develop Bundles & Connected Inventory (3,700+ installs, 4.5/5 rating), a Wix CLI app: moved its legacy PHP backend to Node.js and built its new "Suggest Bundles" feature that proposes product bundles to merchants
- Built Marketplace Connect, which lists Wix Stores products on eBay and Amazon (eBay Sell APIs, Amazon SP-API), and reused these marketplace integrations in custom solutions for clients
- Work directly with Wix merchants and clients on requirement calls, specs, release previews, and post-launch support, turning their feedback into shipped features
- Onboard and mentor new developers and interns through code reviews and day-to-day guidance on the Wix app codebase
- Own features end to end, from API design and data models to Wix APIs, webhooks, and frontend–backend integration, under strict UX and uptime requirements

Shopify & Custom Projects for US Clients

- Built Shopify apps with Remix and the Shopify GraphQL Admin API, including a UPS shipping app that creates fulfillments, prints labels, voids shipments, and logs every carrier request
- Built a custom payment integration for a Shopify client: card tokenization and 3-D Secure authentication through a cross-border payment gateway
- Integrated UPS, FedEx, and DHL Express (MyDHL) APIs for rates, shipments, and customs documents, with thermal label printing through QZ Tray
- Built an AI customer-service agent for a medical client that answers patient inquiries, and led LLM selection (GPT-4o mini for non-confidential inquiries) based on cost, latency, and data privacy
- Designed the RAG retrieval architecture for a content-pinning app, comparing vector search with GraphRAG and hybrid graph-vector approaches
- Deliver features through agentic AI development with Claude Code, from spec to tested release

Full-Stack Developer | Garoon Strategic Creative Agency (Hybrid, Yerevan) *(2022 – 2023)*

- Built React + TypeScript web apps with Redux Toolkit for multiple agency clients, along with the Node.js/Express REST APIs and MongoDB and PostgreSQL databases behind them
- Improved SEO, accessibility, and Core Web Vitals across client sites, and built Canvas-based interactive features
- Worked daily with designers, project managers, and clients to scope, deliver, and iterate on digital products

Frontend Developer Intern → Junior Frontend Developer | Digital Brains (Yerevan) *(2021 – 2022)*

Junior Frontend Developer *(2021 – 2022)*

- Shipped React + Redux interfaces focused on data fetching, performance, and reusable component design
- Worked with backend and design teams on API integrations and UI/UX improvements

Frontend Developer Intern *(2021)*

- Built landing pages, UI components, and e-commerce layouts with HTML, CSS, and JavaScript
- Learned responsive design, Git workflows, and code review practices in a production team

PROJECTS

PaperBrainz — paperbrainz.com

- Built an AI customer-support chatbot SaaS that answers website visitors from a business's own pages, documents, and Q&A, then hands the chat to a human teammate on request; installs with one script tag and runs as a native Wix app
- Built the RAG pipeline end to end: PDF/DOCX/TXT/Markdown ingestion and website crawling, embeddings, Qdrant vector search, and grounded answers that admit when the content doesn't cover a question
- Built the Node.js/Express API, the Python ML service, and the Anthropic Claude integration, deployed with Docker on self-managed Linux servers
- Shipped the live-chat Inbox with human handoff and teammate roles, email follow-up, lead capture with HMAC-signed webhooks (Zapier, Make, CRMs), analytics, and a 28-language widget, sold on plans from $7.99 to $39.99/month

AI Route Planning & Load Booking Agent

- Built a full-stack AI agent for trucking carriers on Amazon Relay that monitors load boards, builds efficient multi-leg routes within EU driver-hour rules, and books loads automatically, with a web dashboard for dispatchers

EDUCATION

Russian-Armenian University, B.S., Applied Mathematics and Computer Science *(Yerevan, Armenia)*

SKILLS

Frontend: React, Next.js, Remix, TypeScript/JavaScript, Redux Toolkit, Wix Design System, HTML/CSS (SASS), Canvas, Responsive UI, Accessibility, Core Web Vitals, SEO

Backend & AI: Node.js (Express), Python (FastAPI), RESTful APIs, GraphQL, PostgreSQL, MongoDB/Mongoose, MySQL, Supabase, Webhooks, Large Language Models (LLMs), Generative AI, Retrieval-Augmented Generation (RAG), Embeddings, Vector Search (Qdrant), LangChain, LangGraph, AI Agents, Prompt Engineering

Platforms & Integrations: Wix (CLI, Velo, App Market), Shopify (Remix, GraphQL Admin API), eBay Sell APIs, Amazon Selling Partner API (SP-API), UPS, FedEx and DHL Express APIs, QZ Tray (thermal label printing), Payment Gateways (Card Tokenization, 3-D Secure)

DevOps & Cloud: Amazon Web Services (AWS: Lambda, S3, API Gateway), Terraform, Docker, nginx, Apache, Continuous Integration/Continuous Deployment (CI/CD), Git, Server Security (CSF/iptables)

Ways of Working: Agile/Scrum, Client Communication, Requirements Gathering, End-to-End Ownership, Code Review, Mentoring, Agentic AI Development (Claude Code)

LANGUAGES

Armenian (Native) • Russian (Native) • English (Fluent)