BRIAN KARMO

SENIOR FULL-STACK & AI ENGINEER

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PROFESSIONAL SUMMARY

Senior Full-Stack & AI Engineer with around 8 years of experience building responsive web applications, scalable backend services, and AI-powered products. Expertise in React, Next.js, Node.js, Python, JavaScript, and TypeScript, with hands-on experience in LLM integrations, RAG applications, AI agents, and workflow automation. Delivers projects from architecture and implementation through testing, deployment, and support.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, PHP, HTML5, CSS3, SQL
Front End: React, Next.js, Vue.js, Tailwind CSS, Material UI, Bootstrap, SCSS, responsive design
Back End: Node.js, Express.js, Laravel, REST APIs, authentication, third-party integrations
AI & LLMs: OpenAI API, LLM integrations, RAG, AI agents, LangChain, LlamaIndex, prompt engineering, workflow automation
Databases: PostgreSQL, MySQL, MongoDB
Cloud & Tools: AWS, Vercel, Docker, Git, Linux, Vite, Webpack, Figma, Cursor, GitHub Copilot
Quality: Accessibility, responsive design, cross-browser compatibility, performance optimization, testing

PROFESSIONAL EXPERIENCE

Independent Senior Full-Stack & AI Engineer | **BKInc / Upwork** **Jan 2016 - Present**

United States - Remote | Independent consulting; Upwork platform since May 2020

- Deliver full-stack and AI-powered solutions for web applications, e-commerce platforms, automation tools, and custom digital products; active on Upwork since May 2020.
- Build responsive interfaces with React, Next.js, TypeScript, Tailwind CSS, and Material UI, translating Figma designs into production-ready experiences.
- Design REST APIs, authentication, database integrations, and backend services using Node.js, Express.js, Python, PHP, and Laravel.
- Develop LLM integrations, RAG applications, AI agents, document search, and automated workflows with LangChain, LlamaIndex, and AI APIs.
- Own delivery from requirements and architecture through implementation, testing, deployment, client communication, and maintenance.

Senior Full-Stack AI Engineer | **Big Pixel** **Sep 2025 - Nov 2025**

Wake Forest, NC - Remote | Contract

- Maintained and enhanced LelandLittle.com, the digital auction platform for Leland Little Auctions.
- Completed front-end, backend, and AI-supported development work to improve usability and operational reliability.
- Supported backend automation for email triggers, filtering logic, data synchronization, and intelligent workflows.
- Implemented user-interface refinements and performance-focused improvements within an established production platform.

Full Stack Developer | **Digital Celerity** **Aug 2018 - Jan 2020**

United States - Remote

- Developed responsive interfaces for enterprise web applications with an emphasis on usability and maintainable code.
- Built reusable UI components using HTML5, CSS3, JavaScript, and structured front-end practices.
- Supported dashboards, business workflows, and interface enhancements across enterprise platforms.
- Improved responsive behavior, cross-browser compatibility, and accessibility while collaborating with cross-functional teams.

EDUCATION

Bachelor of Science in Computer Science | **Oakland University** **May 2016 - Aug 2018**

Associate of Science in Computer Science | **Lansing Community College** **Aug 2014 - May 2016**