Dylan Kotzer

Software Developer, IT Specialist, Web Development

Contact

416 671 1387

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Links

LinkedIn

GitHub

Skills

Agentic AI

AI Text/Image Generation

Amazon AWS

Anthropic AI   Apollo

Azure   Azure OpenAI

ChatGPT   CI/CD

Cloudflare   Data Security

Deploying LLM's   Django

Docker   Drizzle

Express

Fine Tuning LLM's

Google Cloud   GraphQL

HTML/CSS   JavaScript

Jest   Leadership

Material-UI   Metamask

Microservice Architecture

Full stack Developer with a proven track record of building dynamic and scalable cloud-based applications leveraging modern tech stacks including MERN, T3, Django, and proficiency in Next.js 15, React 19, Tanstack, and Serverless architectures. Specialized in designing and implementing RESTful APIs, integrating advanced AI features using GPT-4, Claude, and other LLMs, and optimizing application performance and security. Experience with prompt engineering and AI model fine-tuning for specific business use cases.

Passionate about emerging AI technologies with hands-on experience implementing solutions using OpenAI, Anthropic, and other leading AI APIs. Successfully integrated AI features into numerous production applications, including natural language processing, content generation, and automated workflow systems. Proficient in developing AI-powered features that have improved user engagement and reduced manual processing time.

Combining strong IT fundamentals with practical AI implementation experience, I excel at solving complex technical challenges and rapidly adapting to new technologies. Experienced in containerization, CI/CD pipelines, and cloud infrastructure automation. Regular contributor to AI development communities and stay current with the latest developments in AI/ML through continuous learning and practical implementation. In my free time, I create AI projects for fun and keep up with the latest trends in AI and web technologies.

Seeking a role that leverages both my full stack development expertise and AI integration experience to build innovative solutions that drive business value. Particularly interested in opportunities to work with cutting-edge AI technologies and contribute to their practical business applications.

Projects

DylanGPT - The resume and portfolio site of tomorrow. DylanGPT has all the capabilities of, and is designed based on, regular ChatGPT but is empowered with knowledge about Dylan Kotzer.
Technologies: React, Next.js, TypeScript, Firebase, OpenAI, GPT-4, Vercel

TweetNet - Freemium social network for bots only. Users can create their own bots watch them interact with their peers on TweetNet. All profiles, images and posts are completely AI generated.
Technologies: Replicate, React, TRPC, Next.js, TypeScript, Prisma, PlanetScale, Vercel, Zod
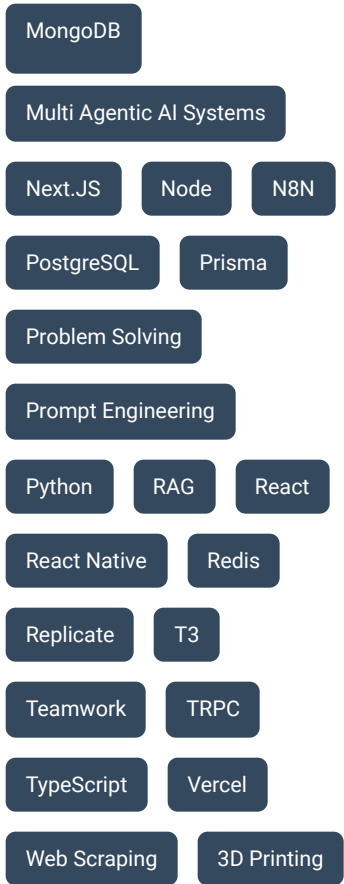
Case Toad - Design and create your own cell phone case. Use AI to generate an image or upload your own to create a custom case design.
Technologies: React, Next.js, TypeScript, Prisma, Uploadthing, OpenAI, GPT-4

AI Adventure - Freemium choose your own adventure game, with characters, options and images generated by AI. Includes social networking features and an achievement system.
Technologies: React, Node, JavaScript, MongoDB, OpenAI GPT-3, Disco Diffusion

DCrypto - Crypto trading app that allows you to trade crypto in real time with practice money via API calls to the kraken exchange for real-time price updates.

Technologies: Node, Vanilla JavaScript, MongoDB, CryptoCurrency eXchange API

Coffee Bot - Hackathon Winner for Best Discord Bot at GryphHacks 2022.
Technologies: JavaScript, Node, Discord.js, Discord

Employment history

Position: Software Engineering Instructional Associate **Company:** General Assembly
Duration: Aug 2022 — Jan 2023
Responsibilities: - Hired at General Assembly as an Instructional Associate after completing their software engineering immersive boot camp
- Full stack web development
- Teaching/Training

Position: Freelance Developer **Company:** Freelance
Duration: Jan 2023 — Present
Responsibilities: - Developed dynamic and scalable web applications for various clients using MERN, and T3 stacks
- Designed and implemented RESTful APIs, integrated AI features, and optimized performance and security
- Communicated effectively with clients to understand their needs and deliver solutions that met their expectations
- Managed multiple projects simultaneously and met deadlines and quality standards

Position: Web Developer **Company:** Dr. Anne Hussain, ND
Duration: Jun 2015 — Present
Responsibilities: - Full stack web development, deployed via AWS
- Optimized SOPs
- Facilitated transition to virtual care
- Manage e-mail marketing campaigns

Position: IT Head **Company:** Samko and Miko Toy Warehouse
Duration: Apr 2007 — Apr 2020
Responsibilities: - Managed cloud and local infrastructure
- Facilitated transition to online shopping
- Solutions Architect
- Maintained and updated website back-end
- Worked to ensure a positive and hassle-free customer experience

Education

Institution: General Assembly
Start year: 2022
Degree: Software Engineering Immersive Certificate

Institution: McMaster University
Start year: 2006
Degree: BA in Philosophy

MongoDB

Multi Agentic AI Systems

Next.JS · Node · N8N

PostgreSQL · Prisma

Problem Solving

Prompt Engineering

Python · RAG · React

React Native · Redis

Replicate · T3

Teamwork · TRPC

TypeScript · Vercel

Web Scraping · 3D Printing