Brian Taylor
Software Engineer

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[portfolio | linkedin | github]

I am a Software Engineer with a background in visual arts and IT. I bring a unique blend of creativity and technical expertise to software development. My artistic skills enhance my problem-solving abilities, bringing a fresh perspective to projects. I'm expanding my skills in Remix and C++, seeking roles that challenge me and contribute to technological innovation through creative solutions.

SKILLS

Languages
Python, JavaScript, HTML, CSS, SQL,Typescript

Databases
MongoDB, PostgreSQL, Prisma, SQLite

Libraries & Frameworks
React, Node.js, Bootstrap, Express, Django, EJS, Next.js

Creative Tools
Adobe Photoshop, Illustrator, Premiere, Final Cut Pro

SOFTWARE DEVELOPMENT PROJECTS

Diagnoself: AI Symptom Checker
React, Next.js,Tailwind CSS, OpenAI API

- Created an AI symptom checker that suggests health conditions based on selected symptoms, age, gender, and history.
- Used React's useState to develop an interactive body diagram that highlights user-selected body parts.

Inquizitor
Next.js,Tailwind CSS, OpenAI API

- Produced a web app offering interactive personality quizzes with server-side rendering and personalized questions using the OpenAI API.
- Optimized AI prompts and implemented quiz preloading to improve performance.

Environmental Monitoring System
Next.js, Tailwind, PostgreSQL, Typescript,WeatherAPI

- Created a real-time system to monitor environmental changes (air quality, temperature, humidity) with intuitive dashboards and alerts.
- Leveraged strong communication and teamwork to deliver a 1st place Hackathon winning project.

Sellout: Mock Products App
MERN Stack, Best Buy API

- Developed an e-commerce platform with integrated frontend and backend functionality, creating a robust shopping cart system with CRUD operations.
- Implemented an advanced search and filtering system to enhance product management and user experience.

EXPERIENCE

Geek Squad | Best Buy
Cleveland, OH | 2021 - 2023

- Streamlined support processes, reducing average resolution times by 25%, which improved efficiency andcontributed to an increase in customer retention.
- Diagnosed and resolved technical issues, leading to a boost in customer satisfaction.

Samsung Advisor | BestBuy
Cleveland, OH | 2019 - 2021

- Leveraged expertise in customer-focused solutions and product knowledge.
- Applied insights from hands-on retail and technology experience.

EDUCATION

General Assembly
Software Engineering Immersive

- Completed 500+ hours of full-stack software engineering, focusing on development fundamentals, object-oriented programming, and MVC frameworks
- Gained expertise in data modeling and team collaboration through hands-on projects.

Howard Community College
Digital Communication and Media

- Developed skills in multimedia production, digital storytelling, content creation, and media strategy.
- Gained proficiency in digital design, video production, and social media management.