Brian Karmo

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Portfolio• LinkedIn • West Bloomfield, MI 48322

Front-End Software Engineer

Solution-focused and detail-oriented individual with proven ability to design and develop high-performing websites and software by leveraging advanced programming skills. Capable of determining structure and design of web pages, introducing new user-friendly features, transforming UI design from design tools, and ensuring UI/UX optimization for wide range of devices. Talent for strategizing, testing, implementing, and troubleshooting software systems as well as managing high-value projects and cooperating with cross-functional teams. Adept at identifying problematics areas and guiding staff in collaborative implementation of corrective action plans to streamline processes and increase overall efficiency/productivity. Tech-savvy; proficient in Linux and Windows, JavaScript, Object-Oriented-Programming, and Dom Manipulation.

Core Competencies

- Software Design & Development
- Web & Application Development
- Programming Frameworks/Libraries
- UI/UX Design
- Coding, Testing & Debugging
- Project Management
- Technical Troubleshooting
- Responsive Design/Device Optimization
- Cross-functional Collaboration

Technical Proficiencies

HTML, CSS, Python, JavaScript, Git, ReactJS, Microsoft Visual Studio, GitHub, Blockchain, NodeJS,

Career Experience

Studio Web, Self-Taught, West Bloomfield, MI   **2022 – Present**
Front-End Software Engineer

Develop and maintain high-quality web applications as well as ensure best possible user experience by leveraging solid grasp of modern front-end technologies. Write clean, efficient, and well-documented code using contemporary coding languages. Stay up-to-date with emerging trends and technologies in front-end development.

- Resolved complex errors in a React weather tracker project after multiple days of debugging.
- Self-taught in front-end software development, including frameworks, utility tools, and API design and development.
- Gained expertise in front-end frameworks such as React and Vite as well as using Bootstrap, Tailwind CSS, and other utility tools for designing UI/UX components.
- Utilized Git and version control to manage code repositories and collaborate with other developers.
- Designed/developed APIs to improve application functionality and used Fetch API to retrieve data from external sources.

Self-Employed, West Bloomfield, MI   **2020 – 2022**
Cryptocurrency GPU Miner

Configured, monitored, and optimized performance of mining rigs as well as ensured stability and reliability by utilizing strong understanding of blockchain technology and mining protocols. Troubleshoot and resolve hardware and software issues related to mining rigs. Maintain accurate records of mining activity, including power usage, temperature, and other relevant metrics.

- Experimented with different PC builds and configurations to improve mining efficiency, while acquiring solid expertise in computer components, hardware, and software.
- Ensured smooth mining operations by troubleshooting cooling systems, benchmarking, and power consumption.
- Enhanced mining Ethereum performance by optimizing graphics cards through overclocking.

Additional Experience as Retail Store Manager at Woodmere Party Store, West Fort St Detroit, MI

Education & Credentials

Self-Taught, Front-End Software Engineering, StudioWeb.com, 2022

JavaScript, freeCodeCamp

Algorithms and Data Structures, LeetCode