

# Brian Karmo

## Front-End Software Engineer

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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.

## WORK EXPERIENCE

Front-End Software Engineer

Since 2020 (+)

[Studio Web, Self-Taught](#) West Bloomfield, MI

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.

- 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.

Cryptocurrency GPU Miner

From 2020 to 2022

[Self-Employed](#) West Bloomfield, MI

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 activities, 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 performance by optimizing graphics cards through overclocking.

## EDUCATION

Front-End Software Engineering

2020

[StudioWeb.com](#) West Bloomfield, MI

JavaScript

2020

[FreeCodeCamp](#) United States

Algorithms and Data Structures

2020

[LeetCode](#) United States

## TECHNICAL SKILLS

### Front-End Skills

HTML5, CSS, TailwindCSS, MUI, React, Next.js, Vue.js, React Native, Angular

### Backend Skills

Node.js, Express, Laravel

### Program Languages

JavaScript, TypeScript, PHP, Python

### Agile Project Management

Jira, Tara.ai, Trello, Linear

### Database Management

MySQL, MongoDB, PostgreSQL

### DevOps Skills

AWS lambda, AWS instance/EC2, Github/Gitlab, CI/CD

## SERVICES

### Database Management

### Web Development

### Application Development

### Data Analysis

### Data Visualization

### Real-time Data Acquisition

## SOCIAL NETWORKS

 LinkedIn