**Bret Miller**

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| Merrillville, IN 46410 | [Bret.miller2010@gmail.com](mailto:Bret.miller2010@gmail.com) |
| (616) – 608 – 2818 | [LinkedIn Profile](https://www.linkedin.com/in/bret-miller-16005694/) |

Detail-oriented and results-driven Full Stack Developer with expertise in **TypeScript, React.js,** and the **MERN** stack. Passionate about building scalable, high-performance web applications with a strong focus on clean, maintainable code and seamless user experiences. Committed to continuous learning while staying up-to-date with modern frameworks like Next.js and optimizing web performance.

**Portfolio** **Example**: [**Cryptocurrency Tracking Application**](https://crypto-app-j6r1.vercel.app/)

**Technical Skills**

* Programming languages: JavaScript (ES6+), TypeScript, Python, Java
* Frontend: React.js, Next.js, State Management (Redux, Context API, Zustand), Tailwind CSS, Sass
* Backend: Node.js, Express, PostgreSQL, MongoDB, Mongoose, Prisma, Postman, react-query
* Tools & DevOps: Git, GitHub, npm, Docker, CI/CD
* APIs & Authentication: RESTful APIs, JWT authentication, OAuth, Clerk
* Other: HTTP/TCP Protocols, Testing (Jest, Cypress, React Testing Library), Figma

**Experience**

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| **Full Stack Developer** |Squared | Remote | November 2024 - Present |

* Resolved 50+ bugs across various modules and improved code efficiency, enhancing both frontend and backend performance, resulting in better system responsiveness and increased user satisfaction.
* Collaborated on the design and implementation of over 30 key application features, resulting in a 25% improvement in user interaction and engagement.
* Worked closely with cross-functional teams of 10+ developers in an Agile style environment with pair programming and code reviews.
* Integrating RESTful APIs with a strong focus on performance, scalability, and seamless data flow, ensuring fast and reliable functionality.
* Implemented and optimized state management with Zustand to ensure consistent and maintainable application behavior.
* Implemented and maintained user authentication with Clerk, ensuring secure and seamless access control.
* Designed and managed PostgreSQL databases, ensuring data integrity through efficient maintenance and organization.
* Managed proper version control using Git to maintain code integrity and facilitate seamless CI/CD processes.

**Technologies**: HTML, CSS, JavaScript, TypeScript, React, Tailwind CSS, Next.js, Docker, Zustand, Node.js, Clerk, PostgreSQL, Git

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| **Frontend Developer** |Developer Pro | Remote | December 2023 – November 2024 |

* Resolved over 100 bugs across various modules and applications, improving both user satisfaction and code efficiency through targeted fixes and optimizations.
* Led the design and development of responsive, visually appealing web applications using React.js, TypeScript, Next.js, and Tailwind CSS.
* Converted UI design templates from Figma into fully responsive web applications using React.js and TypeScript.
* Collaborated on the design and implementation of 20+ key application features, improving user interaction by 20% through thoughtful feature enhancements and optimizations.
* Mastery of modern JavaScript (ES6+) as well as Web Standards, HTML, and CSS frameworks delivering high-quality code across projects.
* Cultivated a collaborative team environment, advocating for knowledge sharing through pair programming and code review sessions, contributing to team growth and productivity.

**Technologies**: HTML, CSS, JavaScript, TypeScript, React, React Context API, Tailwind CSS, Next.js, Figma, Git

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| **Maintenance Supervisor** | Cleveland Cliffs | Burns Harbor, IN | May 2015 – September 2024 |

* Developed exceptional leadership abilities while managing large-scale projects, demonstrating strong decision-making, delegation, and adaptability when facing changing priorities and resource constraints.
* Cultivated team-building expertise through repair initiatives and cross-functional training programs, showcasing the ability to identify individual strengths, facilitate knowledge sharing, and create collaborative learning environments
* Refined conflict resolution and interpersonal communication skills by effectively mediating team disagreements, actively listening to diverse perspectives, and facilitating constructive dialogue that transforms tension into productive collaboration.

**Education**

**Bachelors of Science in Computer Engineering**

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| **Michigan Technological University** | Houghton, MI | 2010 - 2015 |