

Dillon Marszalek

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Seasoned Software Engineer and Solution Architect with 8 years of experience building scalable web and blockchain applications. Skilled in managing full project lifecycles, leading cross-functional teams, and delivering high-quality solutions on time and within budget. Strong problem-solving and leadership abilities with a focus on driving business efficiency and innovation.

SKILLS

- Blockchain: Solidity, Rust, EVM, Solana, DeFi, Dex, Web3.js, Ethers.js
- Backend: Node.js, Express.js, Python, C#, .NET
- Frontend: React, Next.js, Vue, Svelte, HTML5, CSS3, Tailwind, D3.js
- DevOps: SEO, Jenkins, CI/CD, Docker, AWS
- Database: MongoDB, MySQL, PostgreSQL, MariaDB, Firebase
- Version Control: GitHub, Bitbucket, GitLab, SVN

PROFESSIONAL EXPERIENCE

FULLSTACK DEVELOPER

06/2023 – 10/2025

Open Meta, Canada

- Developed and maintained high-performance web applications, ensuring smooth caching mechanisms for optimized load times.
- Translated product specs into scalable front-end solutions, collaborating closely with designers and engineers to deliver intuitive user interfaces.
- Enhanced application responsiveness by identifying and fixing bottlenecks, implementing best practices for efficient rendering and state management.
- Worked on blockchain-based security solutions, contributing to the development of the Emergence SDK and ensuring secure interactions within the Open Metaverse.
- Optimized performance by refining back-end service, improving data retrieval and API response times.
- Spearheaded the integration of business strategy into product specs, aligning development milestones with market trends to ensure timely feature releases.
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- Reduced project delivery times by 30% through improved development workflows and automation strategies.
- Collaborated with cross-functional teams, leading to a 10% increase in project success rates by aligning technical implementations with business strategy.

FULLSTACK DEVELOPER

03/2021 – 05/2023

Human Pixel, Australia

- Developed several web applications using React, Next.js, Node.js, Nest.js.
- Worked in Zoho project management platform.
- Developed a highly efficient sites.
- Utilized various CSS frameworks including Bootstrap, Tailwind CSS, Material UI and so on.

FULLSTACK DEVELOPER

06/2019 – 02/2021

Voice Flip, Canada

- Developed a server less SaaS application from scratch.
- Worked in an Agile scrum methodology.
- Coordinated system installations, testing, and code corrections.
- Modified existing software systems to enhance performance and add new features.

- Built smart and responsive UIs with Solid.js.

SOFTWARE ENGINEER

05/2017 – 05/2019

iTechArt, United States

- Leveraged open communication, collective decision-making, and thorough reviews to create performant and scalable systems.
- Data migrations, data model transformations.
- Improved access control system.
- Worked with server-side and front-end technologies and leveraged common design patterns to code dynamic and user-friendly systems.
- Mentored entry-level Python development personnel, providing both internal and external positions with technical guidance and education.

FRONTEND DEVELOPER

05/2016 – 03/2017

Apple Solve Company, Canada

- Created successful websites that met requirements for objectives such as load speed and design.
- Brought mock-ups to life with HTML, CSS, and JavaScript.
- Created documentation for new applications to support end-users.
- Worked with PM/IM to keep on track with the project plan, timeline, and billing.
- Utilized Java, C#, and OOP languages throughout the development phases.

INTERNSHIP FRONTEND DEVELOPER

03/2015 – 05/2016

Pixel Point Hive Newport Beach, United States

- Created successful websites that met requirements for objectives such as load speed and design.
- Participated in the initial wave of developers learning and implementing the React.JS library.
- Applied innovative approaches to software design through creative inception and planning.
- Utilized HTML, CSS, and JavaScript to create 100+ responsive landing pages for both company and client.
- Maintained graphic standards and branding throughout the product's interfaces.
- Researched and tracked new web technologies to enhance applications.

EDUCATION

University Guelph, CA
Master of Computer Science

04/2010 – 04/2014