

JAMES MACH

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PROFESSIONAL SUMMARY

Experienced Software Developer with a desire to contribute to an organization in roles including Blockchain/Web3 Developer, Front-End Developer, Full-Stack Developer, or Back-End Developer. Background in back-end development, particularly with SQL, C#, and InterSystems Cache. Expertise in blockchain development, specifically with Solidity smart contracts and wallet integration. Demonstrates excellence in server-side logic and database management. Strengths include leadership experience and technical skills, enabling effective oversight of software development projects and coordination between different teams.

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Python, Java, C++, C#, Solidity

Database Technologies: SQL, InterSystems Cache

Development Tools: Git, Visual Studio, Vite, React

Other Skills: Basic CAD software and 3D printing

EDUCATION

Colorado School of Mines — May 2021

Bachelor of Science in Computer Science with focus in Data Science; Minor in Computational and Applied Math | 3.3 GPA, Dean's List 3 semesters

WORK EXPERIENCE

Illios Digital LLC — Frontend Developer (Part-Time Contract) September 2025 – Present

- Created landing website for web hosting service
- Developed customer management portal for administering hosted websites

Freelance — Software Developer May 2024 – Present

- Developed website for creating crypto trade offers
- Developed MSTRData.xyz website, an info website for \$MSTR Equity
- Developed smart contracts for crypto application and for other specifications

Epic — Software Developer July 2021 – May 2024

- Developed and maintained healthcare software solutions using InterSystems Cache, SQL, C#, and TypeScript
- Utilized Git for version control and collaborative software development
- Implemented SQL database solutions for data management and analysis

Waterline Pools — Construction Worker June 2017 – August 2019

- Collaborated in a small crew to construct high-quality swimming pools while developing practical knowledge of construction techniques and materials

Spring Creek Swim and Tennis Club — Head Lifeguard/Lifeguard June 2014 – August 2017

- Promoted to Head Lifeguard in 2017, supervising and coordinating other guards on duty
- Ensured safety of pool patrons through vigilant monitoring and quick response to emergencies
- Maintained pool facilities and chemical balance to health department standards
- Provided customer service to club members and enforced facility rules and policies

ACHIEVEMENTS

Eagle Scout Rank, Boy Scouts of America — Demonstrated leadership, project management, and commitment to community through service