

# Marcus Williams

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## Professional Summary

Full-stack software engineer with 6+ years of experience building enterprise financial and trading applications. Specialized in React, Node.js, C#, and SQL Server with a strong background in microservices architecture, performance optimization, and CI/CD automation. Proven track record improving system latency, scaling data-intensive applications, and delivering production systems in Agile environments.

## Technical Skills

Languages	Python, C#, JavaScript, SQL
Frontend	React, HTML, CSS, SCSS
Backend	Node.js, Express, .NET
Databases	SQL Server, MongoDB
Testing	Selenium, Cucumber, TestNG, Jest
DevOps	GitHub Actions, CI/CD Pipelines
Architecture	REST APIs, Microservices, Distributed Systems

## Professional Experience

### Vertex Incorporated — Software Developer (2022 – Present)

- Developed full-stack application features using React and Node.js supporting enterprise financial workflows.
- Refactored legacy .NET components into microservices architecture reducing system latency by 25% and improving scalability.
- Optimized SQL Server queries and MongoDB data models for high-volume financial datasets.
- Implemented automated CI/CD pipelines with GitHub Actions reducing release cycles by 40%.
- Mentored junior developers and led code reviews ensuring adherence to SOLID design principles.

### Entech Consulting — Software Engineer (2019 – 2022)

- Developed multi-tier enterprise applications for Fortune 500 financial services clients using C#, SQL, and JavaScript.
- Built backend services supporting high-availability financial transaction processing systems.
- Produced architecture documentation and testing frameworks to support Agile development cycles.

### Shadow Financial Systems — Software Developer (2018 – 2019)

- Built backend services for post-trade securities processing and reconciliation systems used by global financial institutions.
- Developed core platform features using C# and SQL to support trading workflows and accounting integrations.

## Projects

**AI Meeting Notes SaaS** — Full-stack SaaS platform using React, Node.js, and OpenAI APIs to generate automated meeting summaries and action items.

**Real-Time Strategy Game Prototype** — Multiplayer game prototype developed using Unity and C#. Implemented AI agents, pathfinding, and networking logic.

## Education

Temple University — B.S. Computer Science