

TECHNICAL SKILLS

- **Languages/Frameworks:** Java (Spring Boot), C#, Python, Go, TypeScript, SQL
- **Backend:** REST APIs, Microservices, Batch Processing, Legacy Modernization
- **Database:** SQL Server (queries, stored procedures, optimization)
- **DevOps:** CI/CD, Docker, Kubernetes, Git
- **Cloud/Front-End:** AWS, Azure, Vue.js, Ember

PROFESSIONAL EXPERIENCE

Superior Technologies Research • Senior Software Contractor

May 2025 - December 2025

- Architected and delivered enterprise-scale HR performance-tracking platform from inception to production deployment, following agile development practices and milestone-driven project planning to meet critical delivery dates.
- Developed well-structured, thoroughly documented software using Vue.js 3/TypeScript frontend and Go RESTful API backend with comprehensive technical specifications and operational documentation.
- Implemented comprehensive automated test suite achieving full route coverage across all application domains, following TDD principles with unit, integration, and system test procedures to ensure code reliability.
- Deployed containerized microservices via Docker and Kubernetes with GitLab CI/CD pipelines, OpenTelemetry observability, and health monitoring for production environments.

Calder Solutions • Part-Time Software Developer

July 2024 - August 2025

- Developed a dynamic school platform using Next.js and Payload CMS with Firebase for user authentication, classroom management, and sign-up workflows, enabling teachers to create, reuse, and manage curriculum modules through a custom admin interface.
- Built a yacht sales e-commerce platform from the ground up in Next.js (TypeScript), replacing the client's legacy site. Integrated with a complex dealership and employee hierarchy system via a custom ASP.NET Core backend.
- Automated CI/CD pipeline setup and deployment for multiple client projects, leveraging Docker and cloud services.
- Deployed and automated infrastructure for client projects using AWS and Azure cloud platforms.
- Provided on-call production support for multiple customers, responding to Zendesk tickets with rapid turnaround to maintain continuous system uptime and meet SLA expectations.

Michigan Immigrant Rights Center • Data Analyst

April 2024 - April 2025

- Developed automated Python scripts for data import, reconciliation, and validation, streamlining audit processes and demonstrating expertise in scripting for automated testing and data integrity verification.
- Created data visualizations and reports using Python to support organizational operations and funding activities.

Superior Technologies Research • Senior Software Contractor

September 2021 - March 2024

- Architected and developed microservices decomposing legacy systems into maintainable, domain-specific services with Vue.js frontend and Go RESTful APIs following clean architecture principles and comprehensive documentation standards.
- Built RESTful APIs for system integrations, including accounts payable workflows between Medius and Microsoft Dynamics GP.
- Utilized Ginkgo and Gomega testing frameworks following Test-Driven Development (TDD) principles to ensure feature parity during migration with comprehensive automated test coverage.
- Contributed to internal Go libraries and created technical documentation including design specifications and operational procedures to standardize service creation and deployment practices.

eoStar • Software Developer

February 2016 - September 2021

- Developed and maintained business applications and backend services, including Java and C# solutions, with a focus on reliability and scalability.
- Designed and optimized SQL Server queries and stored procedures for high-performance data operations and reporting.
- Built and integrated REST APIs to support middle-tier web services and third-party system integrations.
- Performed batch processing, scheduled jobs, and interface setup for automated file selection and delivery.
- Led refactor efforts to modernize legacy codebases, improve code quality, and support CI/CD best practices.
- Collaborated with cross-functional teams in onsite and hybrid settings to analyze requirements, design solutions, and deliver new application functionality, fostering a family-oriented and technology-driven culture.
- Participated in code reviews, troubleshooting, and maintenance to ensure robust, production-ready deployments.

EDUCATION

Michigan Technological University • B.S. in Computer Science, Minor in Mathematics

September 2011 - December 2015