

EDUCATION

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

September 2011 - December 2015

SKILLS

- **Programming Languages:** TypeScript, JavaScript, Go, Java, C++, C#, Python, Ruby
- **Frameworks and Libraries:** React (Next.js), Vue.js, Node.js, ASP.NET Core
- **Tools and Technologies:** RESTful APIs, GraphQL, Docker, Git, CI/CD, Firebase
- **Databases:** PostgreSQL, T-SQL, MongoDB, Firebase

PROFESSIONAL EXPERIENCE

Superior Technologies Research • *Senior Software Contractor*

May 2025 - Present

- Developing an HR performance-tracking platform with a Vue.js frontend and Go RESTful API backend to streamline employee goal management and progress tracking.
- Implementing comprehensive unit and integration tests to ensure code reliability and prevent regressions.
- Collaborating with product stakeholders to translate requirements into maintainable, well-structured code following modern engineering practices.

Calder Solutions • *Part-Time Software Developer*

July 2024 - August 2025

- Developed responsive, accessible frontend features for an educational platform using Next.js (React framework) with TypeScript, enabling teachers to create, schedule, and publish interactive lessons.
- Integrated RESTful APIs and Firebase for real-time data management and student response handling.
- Collaborated cross-functionally with designers and product managers, incorporating user feedback to deliver intuitive, accessible user experiences.
- Wrote component tests to ensure feature reliability and maintain code quality across releases.

Michigan Immigrant Rights Center • *Data Analyst*

April 2024 - April 2025

- Developed automated Python scripts for data import, reconciliation, and cleaning, streamlining auditing processes and resolving critical data integrity issues.
- Created data visualizations and maintained reporting pipelines using Python and R to support funding activities and organizational impact tracking.

Superior Technologies Research • *Senior Software Contractor*

September 2021 - March 2024

- Architected microservices with Vue.js frontend and Go RESTful APIs, decomposing legacy monoliths into maintainable services.
- Built RESTful APIs for system integrations and collaborated with teams on code reviews, technical approaches, and CI/CD pipelines.
- Contributed to internal libraries and DevOps tooling to standardize service creation and deployment practices.
- Enhanced legacy systems with multi-currency support, security improvements, and rewrote Node.js services in Go for better performance.

eoStar • *Software Developer*

August 2016 - September 2021

- Developed cross-platform iOS applications using Xamarin and deployed TensorFlow ML models for order suggestions and voice assistant features.
- Built RESTful APIs in ASP.NET Core for third-party integrations and government systems with secure data transfer capabilities.
- Led full-stack projects from requirements through deployment, collaborating with product teams and performing data analysis with scikit-learn.

eoStar • *Data Migration Specialist*

February 2016 - August 2016

- Conducted ETL operations using T-SQL to integrate client databases and enhanced a legacy C++ application with SQL export functionality to streamline data conversion and transfer processes.

Jackson National Life Insurance • *Software Developer*

January 2013 - August 2015

- Led a team of three in database migration and GUI bug fixes, collaborated on a Java-based scheduling app, contributed to a recruitment optimization tool, and developed a performance reporting application in a team of four.