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MARVIN KASSABIAN

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SUMMARY

Senior Software Engineer with 12+ years building full-stack applications using React, TypeScript, and Vue.js with Go and ASP.NET Core backends. Proven track record decomposing legacy systems into modern microservices and delivering MVPs from inception to production. Strong expertise in Test-Driven Development, RESTful APIs, and containerized deployment with Docker and Kubernetes.

TECHNICAL SKILLS

- **Frontend & UI:** React, Next.js, TypeScript, Vue.js
- **Backend & APIs:** Go, ASP.NET Core, Python, SQL
- **Infrastructure & DevOps:** Docker, Kubernetes, CI/CD, Git, Firebase

PROFESSIONAL EXPERIENCE

Superior Technologies Research • *Senior Software Contractor*   *May 2025 - December 2025*

- Contracted to architect and deliver MVP for enterprise-scale HR performance-tracking platform from inception to go-live, building full-stack application with Vue.js 3/TypeScript frontend and Go RESTful API backend.
- Built TypeScript application using Vuetify 3 Material Design, implementing assessment templates, ROI tracking, vision management, and Excel export capabilities for comprehensive reporting.
- Architected Go microservice with SQL Server and Aerospike caching, deploying via Docker and Kubernetes with GitLab CI/CD pipelines and OpenTelemetry observability.
- Implemented comprehensive test suite achieving full route coverage across all application domains, following TDD principles to ensure code reliability and maintainability.

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.

Michigan Immigrant Rights Center • *Data Analyst*   *April 2024 - April 2025*

- Developed automated Python scripts for data import, reconciliation, and cleaning, streamlining end-of-month auditing processes and resolving critical funding-related data integrity issues.
- Created comprehensive data visualizations using Python to showcase organizational impact and support funding activities.

Superior Technologies Research • *Senior Software Contractor*   *September 2021 - March 2024*

- Architected and developed microservices with Vue.js frontend and Go RESTful APIs, decomposing legacy Node.js, PHP, and ASP.NET monoliths into maintainable, domain-specific services.
- 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.
- Contributed to internal Go libraries and created technical documentation to standardize service creation and deployment practices.

eoStar • *Software Developer*   *February 2016 - September 2021*

- Developed and maintained cross-platform mobile applications using Xamarin.iOS with C# for iOS devices, implementing native integrations and debugging complex platform-specific issues.
- Deployed TensorFlow-based machine learning models on iOS devices for intelligent order suggestions and voice assistant features, optimizing performance for mobile environments.
- Built RESTful APIs in ASP.NET Core for third-party integrations and government systems, collaborating with cross-functional teams to deliver scalable solutions.
- Enhanced legacy C++ application with SQL export functionality, demonstrating versatility across multiple programming languages and platforms.

EDUCATION

Michigan Technological University • B.S. in Computer Science, Minor in Mathematics   *September 2011 - December 2015*