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MARVIN KASSABIAN

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TECHNICAL SKILLS

- **Programming Languages:** Java, SQL, C#, C++, Python, Go, TypeScript
- **Databases:** Microsoft SQL Server, experience with schema design, query optimization, and data migration
- **Software Development:** Agile Methodologies (Scrum, Kanban), Object-Oriented Design, Legacy System Enhancement, Real-Time Applications, Automated Testing, TDD
- **Infrastructure & DevOps:** Docker, Kubernetes, CI/CD Pipelines, Git

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. Took ownership of key modules, proactively identifying and resolving blockers to ensure on-time delivery and clear communication with team and stakeholders.
- 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.
- Maintained and enhanced legacy Java systems for clients, supporting ongoing business operations while contributing to the design and implementation of new greenfield solutions.
- 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.
- Provided on-call production support for multiple customers, responding to Zendesk tickets with rapid turnaround to maintain continuous system uptime and meet SLA expectations.

Superior Technologies Research • *Senior Software Contractor* *September 2021 - March 2024*
- Maintained and expanded legacy Java codebases for critical customer systems while simultaneously leading greenfield development efforts, ensuring business continuity and smooth migration to new platforms.
- 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. Frequently worked independently, taking initiative to clarify requirements and deliver solutions with minimal oversight.
- 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 enterprise applications using C#, including cross-platform desktop and mobile solutions. Wrote and optimized complex SQL queries for SQL Server databases, supporting business-critical workflows.
- Enhanced legacy C++ application by designing and implementing SQL export and data migration features, enabling seamless transition from proprietary systems to relational databases (SQL Server).
- Collaborated in Agile teams to deliver new features and resolve production issues, participating in sprint planning, code reviews, and release cycles.
- Built RESTful APIs and backend integrations, ensuring robust data exchange between internal systems and third-party platforms.
- Recognized for self-sufficiency and ability to independently deliver assigned modules with minimal supervision.

EDUCATION

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