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MARVIN KASSABIAN

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SUMMARY

Full-stack Software Developer with 8+ years of experience modernizing and maintaining production systems for client organizations as a contractor. Background includes supporting existing Java and Spring-based platforms, and leading incremental migrations to modern front-end frameworks, cloud-native architectures, and CI/CD pipelines. Strong experience delivering user-focused applications using Angular, TypeScript, React, Spring Boot, and containerized deployments on GCP and Kubernetes.

TECHNICAL SKILLS

- **Languages/Frameworks:** Java, TypeScript, Angular, Spring Boot, React, Next.js, C#, Python, Go, C++
- **DevOps & Tools:** CI/CD (Tekton), GitHub, GitLab, GCP (Google Cloud Platform), Kubernetes, Docker, Git, OpenTelemetry
- **Data / Visualization & Security:** Power BI, Data Visualization, Data Anonymization, Encryption

PROFESSIONAL EXPERIENCE

Superior Technologies Research • *Senior Software Contractor* *May 2025 - December 2025*
- Supported and enhanced an existing enterprise HR performance-tracking system built on legacy services, while incrementally modernizing components to a containerized, cloud-native architecture.
- Updated user interfaces to a modern Vue.js 3 and TypeScript stack, improving usability, maintainability, and development velocity.
- Extended and refactored backend services using Go-based REST APIs, improving reliability and aligning with current architectural standards.
- Improved test coverage and deployment reliability by introducing automated testing practices and Docker- and Kubernetes-based delivery pipelines with OpenTelemetry observability.

Calder Solutions • *Part-Time Software Developer (Contract)* *July 2024 - August 2025*
- Maintained and enhanced customer-facing applications originally built on Java and Spring-based backends, while contributing new features using Angular, React, TypeScript, and Next.js.
- Assisted in modernizing deployment workflows by introducing CI/CD pipelines (Tekton, GitHub) and containerized builds with Docker.
- Worked with stakeholders to evolve requirements and incrementally replace legacy components with scalable, cloud-native services running on GCP and Kubernetes.
- Delivered reporting and visualization features using Power BI, and applied security best practices including data anonymization and encryption.

Michigan Immigrant Rights Center • *Data Analyst / Software Contractor* *April 2024 - April 2025*
- Supported existing data pipelines and reporting workflows, while modernizing data processing scripts using Python and Go.
- Produced updated dashboards and reports using Power BI, applying anonymization and encryption techniques to meet compliance and privacy requirements.

Superior Technologies Research • *Senior Software Contractor* *September 2021 - March 2024*
- Maintained and extended production systems built on Java, Spring Boot, and Angular, while introducing newer technologies to improve scalability and developer productivity.
- Incrementally refactored services toward containerized microservices using Docker, Kubernetes, and GCP, improving deployment consistency and observability.
- Updated testing practices by expanding automated test coverage and integrating CI/CD pipelines (Tekton, GitHub, Git) to support more reliable releases.
- Contributed modernization guidance, internal libraries, and documentation to help standardize service architecture, security controls, and deployment practices across projects.

eoStar • *Software Developer* *February 2016 - September 2021*
- Developed and maintained long-lived desktop and service applications using C#, C++, Python, and Go, supporting legacy platforms while introducing incremental improvements.
- Integrated applications with third-party and government systems, and later supported migration of selected services to Kubernetes- and GCP-based infrastructure.
- Improved system reliability through automated testing, TDD practices, and modernization of monitoring, data visualization, and security mechanisms.

EDUCATION

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