Marvin Lincoln Kassabian
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EDUCATION

Michigan Technological University • B.S. in Computer Science   *2015*

SKILLS

- Professional experience in Go, Java, C++ , C#, JavaScript, Python, Ruby, and SQL.
- Personal experience in Rust, Kubernetes, and Proxmox.

PROFESSIONAL EXPERIENCE

Superior Technologies Research • *Senior Software Contractor*   *September 2021 - March 2024*
- Refactored repositories to adhere to domain-driven design.
- Collaborated on a Go service library for standardizing service creation.
- Rewrote Node.js services in Go for improved maintainability.
- Updated legacy code for multi-currency support and enhanced data security.
- Integrated accounts payable between Medius and Microsoft Dynamics GP using Go.
- Wrote technical documentation for departmental process transitions.
- Supported cross-functional teams in adopting new standards.
- Engaged with end users to solve complex problems effectively.
- Developed a flexible expense processing integration.
- Optimized services with readonly database connections to reduce strain.
- Collaborated on database schema changes to enhance data integrity.
- Converted legacy stored procedures to maintainable Go code.

Rutherford & Associates • *Software Developer*   *August 2016 - September 2021*
- Interfaced with Zambia Revenue Authority to enable tax data uploads.
- Tested Zambian API integration using Firebase.
- Designed backend for Zambian integration in ASP.Net Core.
- Migrated and optimized web services for efficient data transfer.
- Developed Ruby solutions for data consumption.
- Managed multiple projects with proactive customer communication.
- Supported Angular frontend and explored Flutter for future applications.
- Explored image recognition and implemented forecasting methods.
- Collaborated on order suggestion and voice assistant projects.
- Created and deployed recommender models for mobile platforms.
- Implemented memory-based and model-based collaborative filtering.
- Refactored and maintained diverse platform ecosystems.

Rutherford & Associates • *Data Migration Specialist*   *February 2016 - August 2016*
- Extracted, transformed, and loaded client databases using SQL.
- Enhanced C++ application with SQL export for cleaner data extraction.
- Coordinated project status updates across teams and clients.

Jackson National Life Insurance • *Software Developer*   *Spring 2013 - Summer 2015*
- Resolved issues and enhanced Access GUIs and databases.
- Developed application for consolidating employee scheduling data.
- Streamlined recruitment procedures and created operational dashboards.
- Implemented performance metric reporting applications.

PERSONAL

Home Server • Managed and deployed Home Assistant using Proxmox and Kubernetes.   *April 2024*
Roguelike Development • Personal project in Rust for skill enhancement.   *January 2020 - March 2021*
Appalachian Trail Section Hikes • Hiked ~1,600 miles from ME to GA.   *August 2019 - December 2019*