

Andrew Merison

Software Engineer

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(503) 853-5452

SKILLS

Languages: TypeScript, JavaScript, C#, Python

Backend: Node.js, Express, .NET, REST APIs, Microservices, Serverless/Azure Functions, Kafka, Redis

Frontend: React, Vue, Component Libraries, UI Testing

Cloud / Infrastructure: Azure; exposure to AWS; Docker; Kubernetes; Terraform/IaC environments; CI/CD (Github Actions, ADO, Jenkins, TeamCity)

Data: SQL, Cosmos DB, Database Design, Data Pipelines, ETL, Normalization/Transformation, Data Lakes/Warehouses

Observability / Security: DataDog, New Relic, Azure App Insights, Telemetry, Logging, Monitoring/APM, Secure Coding

AI / Agentic Tools: GitHub Copilot, MCP Servers, Agentic Coding Workflows, Agent Loop Development, Local LLM Tooling

Other: System Architecture, Distributed Systems, Agile Development, Linux/Unix

EXPERIENCE

Senior Software Engineer - **Columbia Sportswear**, *Portland OR*

Sep 2024 - Jul 2025

Designed and built cloud-based backend, serverless, and data integration systems supporting global retail and supply chain operations.

- Designed and implemented **C#/.NET services on Azure**, including **Azure Functions/serverless** and **event/message/queue-based architectures** for mission-critical Procure to Pay, Order to Cash, and supply chain workflows.
- Built **data-pipeline integrations** between legacy SAP systems and modern cloud services, **normalizing and transforming** complex global retail and supply chain data.
- Developed cloud integrations using **SQL, Cosmos DB, Redis**, and **data lake/data warehouse systems** to support regional-to-global migration work.
- Used **Azure App Insights, telemetry, logging, monitoring**, and secure coding practices to support on-call response, incident triage, and root-cause analyses.
- Worked within **Terraform/IaC-managed CI/CD environments** to debug deployment and configuration issues and improve release reliability.
- Collaborated with **product, design, and engineering partners** while adding **unit tests** and internal tooling for production workflows.

Lead Senior Software Engineer - **OneRail**, *Orlando FL*

Feb 2022 - Feb 2024

Led engineering initiatives for a Series B/C logistics startup platform used by large enterprise clients.

- Led a team of **5-6 senior engineers** across backend, frontend, and QA development; led **Sustainability team** reliability, bug triage, and production support efforts.
- Architected and built **TypeScript/Node.js/Express microservices** supporting a real-time logistics platform powering thousands of deliveries a day.
- Built **React/TypeScript frontend features**, contributed to the React component library/design system, supported UI testing, design discussions, and bug fixes.
- Owned **consulting-style technical delivery** for enterprise clients including **Pepsi, Advanced Auto, and Tractor Supply**, translating client workflows into platform capabilities.
- Built data-pipeline integrations across **100+ logistics provider platforms**, normalizing and transforming provider data into complex internal data models.
- Developed services using **Kafka, Redis, SQL, Cosmos DB**, and non-relational storage patterns for real-time operational workflows.
- Led incident triage using **DataDog, New Relic, logging, telemetry, and APM** to support root-cause analysis and production reliability improvements.
- Drove standards for **unit testing and required pipeline code coverage** across teams while improving documentation and long-term maintainability.
- Worked with **Kubernetes and Terraform/IaC-managed environments** during DevOps transition, service deployment, and configuration debugging.

Software Engineer - **Logical Position**, *Portland OR*

Nov 2019 - Feb 2022

Backend engineer building internal tools, APIs, and data systems used by marketing and analytics teams.

- Built backend services using **Node.js (TypeScript), C#/ .NET, Redis**, and REST APIs supporting internal analytics and sales platforms.
- Led development of an internal business analytics platform and **data warehouse/data lake reporting workflows** used for reporting and operational insights.
- Designed and maintained backend APIs used by internal tools, third-party integrations, and data-heavy marketing workflows.
- Built deployment pipelines using **Docker, Azure, and TeamCity** for staging and production environments.
- Contributed to a **Vue.js component library/design system** while collaborating with product, design, and Agile engineering teams.

Senior SEM Analytics Manager - **Logical Position**, *Portland OR*

Feb 2016 - Nov 2019

Led analytics engineering initiatives for digital marketing clients.

- Led a team implementing **custom analytics tracking and reporting systems** for over **5,000 client websites**.
- Designed technical solutions integrating **Google Analytics, advertising attribution platforms**, and client reporting/data warehouse systems.
- Developed custom scripts and tooling to **normalize tracking and campaign data**, automate reporting, improve data analysis workflows, and strengthen **reusability, performance, and reliability** with engineering teams.