Aryan Mehta

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SUMMARY

Software Engineer with 2+ years of production experience developing data connectivity, integration, and transformation solutions in C#/.NET, TypeScript, and SQL. Currently building enterprise-scale features on a multi-tenant transportation management platform at Kaleris. Previously built data integration pipelines connecting distributed enterprise systems at Canpotex. Hands-on with Azure, REST APIs, automated testing, and CI/CD with a track record of delivering reliable, high-quality software across the full development lifecycle.

EDUCATION

University of Saskatchewan *Saskatoon, SK | Sept. 2021 – Apr. 2026*

B.Sc. (Honours) Software Engineering | Minor: Mathematics | GPA: 4.0/4.0

Awards: Dean's Honour List (2021, 2022, 2023) | Arts & Science Undergraduate Award (2023)

Relevant Courses: Advanced Software Engineering, Data Structures & Algorithms, Distributed Systems, Object-Oriented Systems, Operating Systems, Intro to Artificial Intelligence, Functional Programming

PROFESSIONAL EXPERIENCE

Software Engineer | Kaleris | Burnaby*, BC* *July 2026 – Present*

- Shipped **20+ production features and defect fixes** serving Fortune 500 grocery retailers by designing and implementing full-stack solutions across **C#/.NET** backend services, **Angular/TypeScript** frontend, **SQL Server** stored procedures, and **SSRS** reports.
- Optimized **12+ SQL stored procedures** handling dispatch and payroll queries, reducing average query latency by **~30%** through index tuning, query refactoring, and eliminating redundant joins across **45+ customer tenant schemas**.
- Implemented **SSO authentication service** with refresh token rotation and silent refresh, reducing session-related support tickets by **~15%** and eliminating manual re-authentication for **1,000+ daily active users**.
- Maintained platform reliability across **45+ customer tenants** by diagnosing and resolving production API failures, data-integrity issues, and workflow errors through root cause analysis.
- Collaborated with product managers, QA engineers, and end-users to solve logistics challenges in an **Agile** environment, contributing to code reviews, architectural discussions, and continuous improvement initiatives using **AI-assisted tools (Claude Code, GitHub Copilot)**.

Software Developer – Data & Integrations | Canpotex | *Saskatoon, SK* *May 2024 – May 2026*

- Owned and delivered **5 production services** end-to-end from technical design through launch in **C#/.NET 6+** on Microsoft Azure, processing **50,000+ transactions per day** across **6 enterprise systems** with **99.9% uptime**.
- Built and evolved **data-import and ingestion workflows** using **Boomi iPaaS**, orchestrating reliable ETL pipelines that kept enterprise data accurate and auditable across distributed platforms.
- Wrote high-quality, well-tested **C#** against **SQL Server** backends, including advanced queries, stored procedures, and data access layers supporting high-volume transactional workloads.
- Troubleshot, debugged, and led root cause analysis for complex production issues during 24/7 on-call rotations, implementing effective long-term solutions that reduced incident frequency by **~25%** over two quarters.
- Contributed to technical design discussions and helped define, break down, and prioritize work across **20+ API integrations**, delivering across **95%+ of Agile sprints** on target.
- Wrote automated unit and integration tests across **50+ features**, catching **20+ bugs and regressions** before production; participated in **40+ peer code reviews** upholding code quality standards.

PROJECTS

Code-Help – API-Driven Web Application — Node.js, Express, React, MySQL, Docker

- Designed and developed **RESTful API** endpoints documented with **OpenAPI/Swagger**, with session-based authentication, role-based access control, and a relational **MySQL** schema supporting **30+ concurrent users**; containerized with **Docker** for cloud deployment.

USask Program Advisor – AI-Powered Assistant — Python, FastAPI, LangGraph, OpenAI API, ChromaDB, Azure

- Built a data ingestion pipeline that web-scraped and processed 311 university program pages into a ChromaDB vector store and SQLite metadata database, with a FastAPI backend orchestrating retrieval workflows across multiple data sources.
- Deployed on Azure with GitHub Actions CI/CD and **38 pytest tests** achieving **90% accuracy**; took ownership end-to-end from design through deployment.

SKILLS

Core: C#/.NET 6+, TypeScript, Python, SQL, object-oriented design
Data Connectivity & Integration: REST APIs, data connectors, ETL pipelines, Boomi iPaaS, OpenAPI/Swagger, data transformation
Databases: SQL Server (stored procedures, indexing, multi-tenant schemas), PostgreSQL, MySQL, MongoDB, ChromaDB
Cloud & DevOps: Microsoft Azure (AZ-900, AI-901), Docker, Kubernetes, CI/CD (GitHub Actions, Azure DevOps), Git, Agile/Scrum
Frontend: Angular, React, RxJS, component-based architecture
Testing: Unit/integration testing, Jasmine/Karma, pytest, code review, TDD
AI Tools: Claude Code, GitHub Copilot, LangChain, LangGraph
Certifications: Microsoft Azure Fundamentals (AZ-900), Microsoft AI Fundamentals (AI-901)