

Zohair Omar

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Role-Specific Portfolio: zohairomar.netlify.app/for/city-of-calgary/it-ops-am-student

Summary

4th Year Computer Science & Mathematics student @ UofC (transferred from UBC) with hands-on experience building secure, workflow-driven solutions and reporting for operational reliability. Proficient in **Power BI** (Power Query/DAX), **Excel**, **SQL**, **SharePoint**, **Azure AD (OAuth2)**, **Microsoft Graph API**, **Power Automate**, **PowerShell**, and **KQL**. Strong documentation habits (procedures, SOPs, status reporting) using **Outlook**, **Word**, **Excel**, **PowerPoint**. Known for attention to detail, strong organization, research/problem solving, and learning fast while working independently and in teams.

Technical Skills

Asset/Reporting & Data: Power BI (Power Query, DAX), Excel (Pivot Tables, VLOOKUP, Charts), SQL

Platforms & Automation: SharePoint, Power Automate, Azure AD (OAuth2), Microsoft Graph API, PowerShell, KQL

Delivery: GitHub, Git, CI/CD (GitHub Actions), Documentation (Word/PowerPoint/Outlook)

Education

Bachelor of Science, Computer Science & Mathematics (Minor in Economics) Expected Apr 2027
University of Calgary, Alberta

Bachelor of Science, Computer Science Sep 2022 – Sep 2024
University of British Columbia, Vancouver

Experience

Enactus UCalgary – WealthPath Jul 2025 – Present
Front-End Development Lead; React, TypeScript, GitHub Actions Calgary, AB

- Led a 4-person team and facilitated 2–3 Scrum meetings weekly; maintained detailed action tracking and clear communication across stakeholders.
- Implemented CI/CD with GitHub Actions to test changes for functionality and prevent regressions; supported 30+ merges without regression.
- Coordinated with back-end developers to resolve integration issues and improve delivery by 1–2 sprints through structured problem solving.
- Produced stakeholder-ready updates and documentation using **Outlook/Word/PowerPoint**, translating technical progress into concise status reporting.

TechNova Feb 2025 – Present
Co-Founder & VP Technical; React, Python, SQL, Git Calgary, AB

- Built full-stack websites and dashboards for clubs, improving information access and usability for 100+ users through organized delivery.
- Used **PowerShell** to automate repeatable setup/maintenance tasks, improving consistency and reducing manual steps during troubleshooting.
- Created onboarding guides and process documentation to standardize workflows and improve service quality over time.

Agrius IT May 2024 – Jul 2024
Software Developer Intern; Python, SQL, Web Security Abu Dhabi, UAE

- Strengthened security and reliability using **CORS**, proxy settings, and robust error handling while maintaining access for 1,000+ daily users.
- Developed backend authentication and **RBAC** using SQL to enforce least-privilege access and improve compliance-minded operations.
- Wrote basic **KQL** queries to support analysis and reporting during operational follow-ups, validating patterns and anomalies.
- Documented workflows and contributed to internal **SOPs** for issue resolution; resolved 3 critical bottlenecks ahead of schedule.

Projects

Oil & Gas Asset Integrity Dashboard (Power BI, SQL Server, SharePoint)

- Built a Power BI solution tracking operational integrity KPIs and compliance signals; modeled 24 months of data with Power Query and DAX.
- Implemented role-based views and refresh simulation to support consistent reporting and process visibility for stakeholders.

Production Analytics & Forecasting Dashboard (Python, Streamlit, Azure AD, Microsoft Graph API, SharePoint, Power Automate)

- Integrated SharePoint file I/O via **Azure AD (OAuth2)** and **Microsoft Graph API** with token refresh and fallback mode for reliability.
- Built a **Power Automate** workflow for scheduled reporting via Outlook with scope-based failure notifications to support service follow-through.