

Zohair Omar

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

Summary

4th Year Computer Science & Mathematics student @ UofC (transferred from UBC) with experience building secure, workflow-driven solutions and automation for operational reporting, access control, and service reliability. Proficient in **Microsoft Azure AD (OAuth2)**, **Microsoft Graph API**, **SharePoint**, **Power Automate**, **PowerShell**, **KQL**, and **GitHub/CI/CD (GitHub Actions)**. Strong documentation and procedure-writing habits using **Outlook**, **Word**, **Excel**, and **PowerPoint**. Known for attention to detail, excellent communication, critical thinking, and learning fast while delivering independently and in teams.

Technical Skills

Endpoint/Automation Adjacent: PowerShell, Power Automate, SharePoint, Azure AD (OAuth2), Microsoft Graph API, KQL

Dev & Delivery: GitHub, Git, CI/CD (GitHub Actions), Unit Testing (JUnit5), Postman

Programming: Python, SQL, Java, JavaScript, TypeScript, Go

Reporting & Tools: Excel (Pivot Tables, VLOOKUP, Charts), Power BI, 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, CI/CD Calgary, AB

- Led a 4-person team and facilitated 2–3 Scrum meetings weekly; maintained high attention to detail while tracking deliverables, owners, and timelines.
- Implemented CI/CD with GitHub Actions to test code for functionality and prevent regressions; supported **30+** merges without regression.
- Coordinated with back-end developers on API contracts and integration troubleshooting, applying critical thinking to accelerate delivery by **1–2** sprints.
- Produced clear stakeholder documentation and procedure-style updates using **Word/PowerPoint/Outlook**, communicating changes and next steps effectively.

TechNova Feb 2025 – Present
Co-Founder & VP Technical; PowerShell, React, Python, SQL, Gitm CI/CD Calgary, AB

- Built full-stack websites and dashboards for clubs using React, Python, and SQL, improving usability and information access for **100+** users.
- Developed **PowerShell** scripts to automate repeatable setup/maintenance tasks, improving consistency and reducing manual steps during deployments and troubleshooting.
- Led a 4-person team using Git branching and code reviews; tested features for functionality and maintained code quality across releases.
- Created documentation and onboarding guides to standardize workflows and improve long-term maintainability and service delivery.

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

- Fortified application security using **CORS**, proxy settings, and robust error handling while maintaining access for **1,000+** daily users.
- Developed secure backend functionality including authentication and **role-based access control (RBAC)** using SQL to enforce least-privilege access.
- Wrote basic **KQL** queries to support reporting and troubleshooting by investigating patterns during operational follow-ups and validating observed issues.
- Documented workflows and contributed to internal **SOPs** for issue resolution and operations using Word; resolved **3** critical bottlenecks ahead of schedule.

Projects

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 automatic token refresh and fallback mode for reliability.
- Designed a **Power Automate** workflow for scheduled report distribution via Outlook with scope-based error handling and admin notification on failure.

UBC Thrifty Grocers (Go, Postman, React)

- Built backend services improving server response speed by **40%**; executed API testing with Postman achieving **100%** test-case success.
- Applied security measures (CORS & proxies) and access control logic to ensure users accessed only authorized resources.