# Zohair Omar

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**Role-Specific Portfolio:** zohairomar.netlify.app/for/health-shared-services/it-student

## Summary

4th Year Computer Science & Mathematics student @ UofC (transferred from UBC) with hands-on experience supporting technical projects through **web development, reporting, troubleshooting, documentation, and stakeholder coordination**. Strong fit for broad IT placements (web, project support, business analyst support, and IT support) with experience using **Microsoft 365**, **SharePoint**, **Visio**, **Power BI**, **SQL**, and programming in **Python/Java/C**. Known for clear communication, customer-focused support, accountability, and delivering high-quality work under deadlines. **Available May–Aug 2026 (returning to studies Sept 2026; Alberta-based).**

## Technical Skills

**Microsoft 365 & Collaboration:** Excel, SharePoint, Word, Visio, Teams, Project (Project Server), PowerPoint
**Programming & Scripting:** Python, Java, C, JavaScript/TypeScript, SQL
**Data / BI / Analytics:** Power BI (Power Query, DAX), data analysis, reporting, dashboards, Excel modeling
**Development & Delivery:** Git, CI/CD (GitHub Actions), REST APIs, testing, documentation, Agile/Scrum
**Support & Process:** troubleshooting, SOPs/runbooks, requirements gathering, stakeholder communication

## Education

**Bachelor of Science, Computer Science & Mathematics (Minor in Economics)** — Expected April 2027
University of Calgary, Alberta
**Bachelor of Science, Computer Science** — Sep 2022 – Sep 2024
University of British Columbia, Vancouver
*Relevant Coursework:* Applied Machine Learning (CPSC 330), Explorations in AI & ML (CPSC 383), Data Structures & Algorithms, Computer Organization/Computing Machinery

## Experience

**Enactus UCalgary – WealthPath** — Jul 2025 – Present
*Front-End Development Lead*; React, CI/CD, Visio, Word, PowerPoint, Excel, Teams — Calgary, AB
- Led a 4-person team and facilitated 2–3 weekly Scrum meetings; tracked priorities, risks, and action items in a hybrid/collaborative workflow using **Teams/Excel/Word**.
- Created architecture-style artifacts and handoff documentation in **Visio/PowerPoint/Word** (component diagrams, integration notes, decision logs) to improve clarity and reduce rework.
- Coordinated with technical and non-technical stakeholders to gather requirements and communicate progress, supporting timely delivery of a pilot used by **100+ students**.

**TechNova** — Feb 2025 – Present
*Co-Founder & VP Technical*; Python, SQL, Power BI, Git, Excel, PowerPoint — Calgary, AB
- Built web solutions and dashboards for clubs; translated user needs into features, reports, and support documentation to improve accessibility of information for **100+ users**.
- Developed data-backed functionality using **Python/SQL** and produced stakeholder-facing reporting views in **Power BI**, validating outputs for reliable decision support.
- Created onboarding guides and troubleshooting notes to improve customer support quality and reduce repeat questions during rollout and maintenance.

**Agrius IT** — May 2024 – Jul 2024
*Software Developer Intern*; Python, SQL, JavaScript, Word, Excel, Project Server — Abu Dhabi, UAE
- Supported troubleshooting and incident follow-up by writing/refining **SQL queries** to validate data and summarize findings for faster resolution.
- Documented workflows and contributed to SOPs/runbooks in **Word/Excel**; improved repeatability and support readiness for recurring operational issues.
- Collaborated cross-functionally and tracked updates/tasks using project-oriented workflows (**Project Server**/status notes), resolving **3** critical bottlenecks ahead of schedule.

## Projects

**Full-stack Incident Management Platform**; SpringBoot, Java, React, Kotlin, PostgreSQL, Docker, CI/CD
- Built a full-stack incident management platform with RBAC, incident CRUD, escalation workflows, and real-time metrics dashboards to support operational process tracking.
- Wrote **99** unit/integration tests and configured CI/CD pipelines (GitHub Actions + Jenkins) to improve reliability and catch defects before release.

**Production Analytics & Forecasting Dashboard**; Python, Streamlit, Pandas, SharePoint, Azure AD (OAuth2), Microsoft Graph API, Power Automate
- Built an analytics workflow that cleans and standardizes multi-well production data (2008–2016) into an analysis-ready dataset for reporting and KPI tracking.
- Integrated SharePoint file I/O using **Azure AD (OAuth2)** and **Microsoft Graph API**; automated scheduled report delivery with **Power Automate** to improve reliability and reduce manual reporting effort.

**Oil & Gas Asset Integrity Dashboard**; Power BI, SQL Server, SharePoint, Power Query, DAX
- Built a Power BI dashboard and reporting model over **24 months** of data; documented KPI definitions and assumptions for transparent, consistent reporting.
- Used **SharePoint** for reporting organization/access patterns and created stakeholder-friendly drilldowns to improve usability.