Abhijeet Singh

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Summary

Full-stack developer and automation engineer with production experience across regulated enterprise environments (nuclear, retail supply chain) and self-shipped AI-integrated platforms. Reduces operational overhead through data pipelines, CI/CD automation, and Python tooling – turning manual workflows into measurable efficiency gains. Seeking to bring that builder's instinct to a high-impact engineering or data role.

Education

Honours BSc Computer Science, Business Focus — Expected May 2028
*Lakehead University - **Dean's List 2025-26*** — *Thunder Bay, ON*

- **Relevant Coursework:** Software Engineering, Data Structures & Algorithms (C/C++), Systems Analysis & Design, OOP

Technical Skills

Languages: Python, JavaScript/TypeScript, C/C++, SQL, PowerShell, Bash
Frameworks & Libraries: React, Next.js, Node.js, FastAPI, pandas, pytest
Data & Analytics: PostgreSQL, MySQL, Teradata, MongoDB, Power BI, Excel (pivot tables, financial modelling)
Cloud & DevOps: Azure, Docker, GitHub Actions, Jenkins, CI/CD pipelines, REST API testing
Tools: Jira, Confluence, Bitbucket, Git, Microsoft 365
Domain: IT change management, compliance & audit, anomaly detection, Agile/Scrum

Professional Experience

Nuclear Waste Management Organization (NWMO) — May 2026 – Present
IT Analyst Co-op — *Toronto, ON*

- Maintained **zero unplanned compliance incidents** across 4 concurrent workstreams by owning change management logs and risk registers in a federally regulated nuclear environment.
- Reduced incident resolution time by **15%** by engineering PowerShell and Shell automation scripts that replaced manual triage workflows; deployed real-time dashboards tracking SLA metrics and incident KPIs.
- Accelerated IT due diligence turnaround by consolidating vendor compliance documentation across fragmented systems, eliminating redundant manual cross-referencing across **10 vendor records**.
- Delivered 4 cross-functional technical solutions on schedule within Agile/Scrum ceremonies by translating competing stakeholder priorities into clear technical specifications.

Loblaw Companies Limited — January 2026 – April 2026
Inbound Schedule Analyst – Developer Co-op — *Brampton, ON*

- Eliminated **500+ weekly manual transactions** across 3 distribution centres by architecting and shipping PrioTool, a Python/SQL application with a full CI/CD pipeline (Git, GitHub Actions), saving **˜8 hours/week** of analyst time.
- Reduced deployment risk to near-zero by achieving **85% automated test coverage** (pytest, REST API integration tests), enabling continuous zero-downtime releases.
- Surfaced data quality discrepancies across **5 weekly records** by building Teradata and PostgreSQL queries that fed executive status reports and reconciliation workflows.

Prshni Organisation — May 2021 – March 2023
Full-Stack Developer / Business Analyst — *Remote*

- Reclaimed **40+ hours/month** of manual data-entry overhead by shipping Python and Node.js automation services adopted as standard tooling across multiple business teams.
- Reduced requirements churn by leading end-to-end discovery sessions, converting operational ambiguity into system architecture documentation that cut delivery rework.

Projects

Spot2Go – Full-Stack AI Booking Platform — September 2025 – Present
React, Next.js, TypeScript, PostgreSQL, Docker, GitHub Actions, Azure

- Shipped a **live production platform** serving real users with end-to-end CI/CD, automated testing, and Azure infrastructure; integrated agentic AI workflows to automate core booking operations.

PhoneSense – Automated Data Pipeline — 2025
Python, SQL, pandas, Shell Scripting

- Processed and anomaly-scored **50,000+ device records** through a Python/SQL pipeline with scheduled Shell automation and automated metrics reporting.

Achievements

2nd Place – Lakehead University CS Club Hackathon — April 2025
Designed, built, and shipped a full-stack Python/React application in **24 hours**; placed 2nd among **12 competing teams**.