

Khushi Singh

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🐙 github.com/ksingh38-git

Education

University at Buffalo

Aug 2024 – Dec 2025 (Expected)

M.S. in Computer Science & Engineering — GPA: 3.66/4.00

Buffalo, NY

Relevant Coursework

- Algorithms Analysis
- Computer Security
- Intro to ML
- Data Intensive Computing
- Operating Systems
- Networks
- Computer Architecture
- Database Systems

Experience

Minedco Holdings, Inc.

May 2025 – Aug 2025

AI Software Engineering Intern

Leesburg, VA

- Built a simple ingestion pipeline using the **Facebook Graph API** to import posts/photos and normalize metadata for downstream use.
- Managed storage and scheduling with **Azure Blob Storage** and **Azure Functions**; kept Facebook data in Blob as a secure **user backup** and as the source for a Memories experience (restartable runs, simple checks).
- Released a lightweight **“Memories”** page that grouped content into themed chapters with **one-click PDF export** for customers.

Deloitte USI

May 2021 – Aug 2024

Analyst (promoted from Associate Analyst) — Oracle Domain

Gurugram, India

- Delivered **25+** client requirements (report builds and SQL/PLSQL fixes) end-to-end; created **5** new reports and enhanced existing ones for a new business unit, reducing manual effort.
- Authored client-facing **SQL/PLSQL data models & reports**; later **converted on-prem models to BigQuery views (GCP)** to standardize logic and enable cross-platform analytics.
- Optimized queries/refresh cadence (window functions, CTEs, predicate pushdown/MV refresh) to cut **daily runtimes from 6 hrs → 25 min**; closed **50+** Jira performance/regression defects; supported P1 issues with **24-hour** turnaround.
- **Tested/validated 200+** Incorta dashboards/reports during on-prem → cloud migration; reconciled KPIs to source SQL, mapped environment schemas, refactored SQL, and updated connectors/schedules to ensure parity.

KPMG

Jan 2021 – Apr 2021

Analyst

Bengaluru, India

- Handled project **onboarding/offboarding** for UK/US teams: access requests, cost-centre/location updates, password-expiry reminders, and exit steps; coordinated with HR/IT for timely completion.

Projects

Explorer Transportation Analytics | Pandas, Folium (NYC collisions)

Jan 2025

- Processed **1M+** crash records; built geospatial heatmaps and stats to **surface high-risk corridors**.

Netflix Data Analysis | SQL, Python

Jan 2025

- Cleaned/normalized **100K+** titles; modeled entities and mined catalog trends (genres, release cadence, composition).

Airline Delay Prediction | Python/Pandas, SVM, LR, K-means

Nov 2024

- Analyzed **1M+** flights; engineered features and tuned models to reach **82% SVM accuracy**.

Technical Skills

Databases & SQL: Oracle Database, PL/SQL, SQL (window functions, CTEs), BigQuery (views)

Data Engineering: Data modeling, ETL, performance tuning, validation & reconciliation

Cloud & APIs: Azure Blob Storage, Azure Functions, Facebook Graph API, OAuth2, SAS URLs

Analytics/Visualization: Incorta (validation/testing), Power BI (self-directed), Pandas, NumPy, Matplotlib, Folium

Tools: Git, Confluence, Streamlit, ReportLab, Excel, PowerPoint

Extracurricular

Grader — Introduction to Machine Learning

Jan 2025 – May 2025

Course support (grading, office hours)

University at Buffalo

Women in Science and Engineering (WISE) Outreach

2024 – 2025

Volunteer — STEM outreach and mentorship

University at Buffalo