

# Smit Patel

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## EDUCATION

### Master of Applied Computing

May 2024 – Dec 2025

University of Windsor

Windsor, ON

- Current average: **81.33%**; *Relevant coursework:* Data Analytics, Advanced Databases, Distributed Systems, Data Security, Advanced Software Engineering

### Bachelor of Engineering in Computer Science

Jul 2019 – May 2023

Gujarat Technological University

Vadodara, Gujarat, India

- Final percentage: **87.5%**; *Relevant coursework:* Data Structures & Algorithms, Object-Oriented Programming, Cloud Computing, Operating Systems

## EXPERIENCE

### Data Analyst Intern

May 2025 – Present

University of Windsor

Windsor, ON

- Partnered with **Marketing and Recruitment** to analyze campaign performance across **20+ countries**, improving intake forecasts and budget decisions.
- Designed and launched a **reimbursement automation system**, streamlining approvals and reducing processing time by **40%**.
- Built **ETL workflows** linking recruiter, HR, and finance data to enable consistent and auditable ROI tracking.
- Created **interactive Power BI dashboards** and enforced **data governance rules**, raising regional reporting accuracy by **25%**.
- Presented findings to leadership to guide event prioritization and travel spend.
- **Skills:** Power BI, SQL, Excel, ETL Automation, Data Governance, ROI Analysis, Stakeholder Communication

### Software Engineer

Jan 2023 – Apr 2024

BarodaWeb

Vadodara, Gujarat, India

- Developed and automated **SQL validation pipelines**, reducing QA defect detection time by **40%**.
- Built and maintained **BI dashboards** tracking sprint KPIs and defect trends for weekly leadership reviews.
- Collaborated with engineering and QA to streamline testing workflows, cutting release turnaround by **20%**.
- Produced client-ready reports with clear visuals and recommendations that supported renewals and upsell discussions.
- **Skills:** SQL, Python, BI Dashboarding, QA Automation, CI/CD, Jira, Data Visualization

## PROJECTS

### Recruitment Data Workflow Automation

Jan 2025 – Mar 2025

- Built and automated **ETL pipelines** consolidating **1,000+ recruiter records** into a unified reporting system, cutting manual effort by **50%**.
- Developed dynamic **Power BI dashboards** to visualize ROI, event outcomes, and recruiter efficiency for stakeholders.
- Merged financial and attendance data to calculate **cost per event**, improving budget allocation decisions.
- **Skills:** ETL, SQL, Power BI, Data Integration, KPI Tracking, Automation

### Data Pipeline Monitoring App

Jun 2024 – Sep 2024

- Developed a mobile app to monitor pipeline health in real time, improving system visibility and uptime.
- Implemented automated alerts and validation checks, reducing incident response time by **35%**.
- Added audit logging and compliance tracking to strengthen operational governance.
- **Skills:** React Native, AWS, Kafka, Real-Time Monitoring, Cloud Infrastructure, Compliance

## TECHNICAL SKILLS

**Data Analytics & BI:** Power BI, Tableau, Excel (Pivot, Macros), Looker, Qlik, Google Data Studio

**Data Engineering & Pipelines:** SQL, Python, Apache Airflow, Databricks, AWS (Lambda, Glue, S3), Azure Data Factory, Docker, Kubernetes, FastAPI

**Programming & Development:** JavaScript, TypeScript, React, Next.js, Node.js, REST APIs, GitHub CI/CD

**Machine Learning & AI:** TensorFlow, PyTorch, Scikit-learn, Hugging Face, OpenAI API, Azure ML, Google Colab

**Databases & Storage:** PostgreSQL, MySQL, MongoDB, Snowflake, Oracle, Firebase, Supabase

**Core Competencies:** Data Governance, Predictive Analytics, Business Intelligence, Automation, Cloud Computing, Data Security, QA Testing