

# Smit Patel

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## EDUCATION

### Master of Applied Computing

May 2024 – Dec 2025

University of Windsor

Windsor, ON

- Current average: **81.33%**.

- **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, India

- Graduated with **87.5%**, ranked among top 10% of cohort.

- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Machine Learning, Operating Systems.

## EXPERIENCE

### Data Analyst Intern

May 2025 – Present

University of Windsor

Windsor, ON

- Partnered with **Marketing, Recruitment, and Finance teams** to analyze campaign performance across **20+ countries**, improving intake forecasts and guiding strategic budget allocation.
- Developed and deployed a **reimbursement automation system** and unified **ETL workflows**, cutting approval time by **40%** and ensuring consistent ROI reporting across departments.
- Developed interactive **Power BI dashboards** with integrated **data governance rules** and conducted training for staff and client teams, boosting reporting accuracy by **25%**, adoption rates, and leadership decision-making efficiency.
- **Skills:** Power BI, SQL, Excel, ETL Automation, Data Governance, ROI Analysis, Stakeholder Communication, Mentorship

### Software Engineer

Jan 2023 – Apr 2024

Baroda Web

Vadodara, Gujarat, India

- Automated and optimized **SQL validation pipelines**, reducing QA defect detection time by **40%** and improving testing efficiency across major client projects.
- Collaborated with QA and DevOps teams to streamline testing and deployment workflows, cutting release turnaround by **20%**.
- Delivered client-ready dashboards and analytical reports that improved retention and secured two contract renewals.
- Recognized as **Top Performer of Q4** for advancing data automation, reporting quality, and interdepartmental collaboration.
- **Skills:** SQL, Python, BI Dashboarding, QA Automation, CI/CD, Jira, Data Visualization, Client Reporting

## PROJECTS

### Recruitment Data Workflow Automation (AI-Enhanced)

Jan 2025 – Mar 2025

- Automated **ETL pipelines** consolidating **1,000+ recruiter records** using **Python, Airflow, and Julius AI**, detecting anomalies, optimizing dashboards via **Copilot & Windsurf**, and reducing manual review and query time by **50%** and **30%** respectively.
- Implemented a **RAG-based workflow** generating executive summaries that improved quarterly decision turnaround and reduced prep time.
- Led a 3-member cross-functional team on Copilot-integrated Power BI automation; results drove multi-department adoption of AI-assisted data review.
- **Skills:** Python, SQL, Power BI, Airflow, Julius AI, Copilot, RAG, Windsurf, Data Integration, Automation

### Data Pipeline Monitoring App

Jun 2024 – Sep 2024

- Engineered a mobile app for real-time pipeline monitoring, **enhancing system uptime** visibility for data and operations teams.
- Integrated automated alerts and validation logic, reducing incident response time by **35%** and improving SLA compliance.
- Added audit logging and governance tracking to strengthen **accountability and data reliability**.
- **Directed a 4-member agile team** from design to delivery and presented the product to department heads for internal rollout.
- **Skills:** React Native, AWS, Kafka, Real-Time Monitoring, Cloud Infrastructure, Compliance, Team Leadership

## 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, Azure ML, Google Colab, Julius AI, Copilot, RAG, Windsurf

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

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

**Professional Skills:** Stakeholder Engagement, Presentation, Critical Thinking, Leadership, Mentorship, Collaboration, Agile SDLC