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, Gujarat, India*
- Final percentage: **87.5%**.
- 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 teams** to deliver analytics on campaigns across **20+ countries**, enabling data-driven budget and intake optimization decisions.
- Built and deployed a **reimbursement management system**, automating approval workflows and reducing processing time by **40%**.
- Orchestrated **automated data workflows** integrating recruiter, HR, and finance data, enabling accurate **ROI analysis** across regions.
- Developed **Power BI scorecards** and enforced **data governance rules**, surfacing recruiter performance insights and improving reporting consistency by **25%**.
- **Skills:** Power BI, SQL, Excel, Data Automation, Data Governance, ROI Analysis, Stakeholder Communication & Reporting

Software Engineer — Jan 2023 – Apr 2024
BarodaWeb — *Vadodara, Gujarat, India*
- Automated **SQL-based validation pipelines** and developed QA dashboards, reducing defect detection time by **40%**.
- Designed and maintained **BI dashboards** tracking sprint progress, defect density, and KPIs used by project managers weekly.
- Collaborated cross-functionally to streamline testing and reporting cycles, cutting turnaround time by **20%**.
- Produced **client-facing analytical reports** with actionable insights, improving client retention and enabling upsell opportunities.
- **Skills:** SQL, Python, BI Dashboarding, QA Testing, CI/CD, Jira, Client Reporting, Process Automation

PROJECTS

Recruitment Data Workflow Automation — *Jun 2024 – Jul 2024*
- Built and automated **ETL pipelines** consolidating **1,000+ recruiter records** into a centralized reporting system, reducing manual processing by **50%**.
- Developed dynamic **Power BI dashboards** and KPI scorecards enabling data-driven resource allocation and ROI tracking.
- Integrated financial and attendance data for **cost-per-event analysis**, optimizing campaign budgets and event performance insights.
- **Skills:** ETL, SQL, Power BI, Data Integration, ROI Analysis, Excel, Jira, Automation

Data Pipeline Monitoring App — *Jun 2023 – Sep 2023*
- Engineered a mobile app for **real-time pipeline monitoring**, improving incident visibility and overall system uptime.
- Implemented **automated alerts and validation checks**, reducing incident response time by **35%**.
- Integrated **compliance logging and audit tracking** to strengthen governance and operational accountability.
- **Skills:** React Native, AWS, Kafka, Real-Time Monitoring, Governance, Compliance, Cloud Infrastructure

TECHNICAL SKILLS

AI & Machine Learning: TensorFlow, PyTorch, Keras, Scikit-learn, Pandas, NumPy, OpenAI API, Hugging Face Transformers, Azure ML, Ollama, Devin AI, Lovable, Replit AI, Google Colab

Data Engineering & ETL Platforms: AWS (Lambda, Glue, S3), Azure Data Factory, Apache Airflow, Databricks, Docker, Kubernetes, GitHub CI/CD, REST APIs, FastAPI

Databases & Storage: PostgreSQL, MySQL, MongoDB, Oracle, Snowflake, Amazon Redshift, Firebase Firestore, Supabase

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

Programming & Development: Python, SQL, R, JavaScript, TypeScript, Java, C++, Perl, React, Next.js, Node.js, Express.js, MongoDB

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