Sahil Patel

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TECHNICAL SKILLS

- **Data Analysis & Visualization:** Advanced skills in Power BI, Python (Pandas, Matplotlib), SQL, and Tableau
- **Data Modeling & Query Design:** Proficient in creating datasets, writing optimized SQL queries, and conducting analysis
- **Software Tools:** MS Power BI, MS Office Suite (Excel, Word, PowerPoint), Jupyter Notebook
- **Development Skills:** Debugging, software testing, and data pipeline optimization
- **Soft Skills:** Strong problem-solving, active listening, teamwork, and effective communication
- **Other Skills:** Agile Development, SDLC, Technical Documentation, Debugging, Software Testing

EDUCATION

Advanced Diploma, Computer Programming and Analysis
Seneca Polytechnic College, Toronto, ON

- **Academic Highlights:** Achieved a GPA of **3.7**, consistently recognized for academic excellence
- **Key Courses:** Database Management, Software Development, Engineering Principles, Algorithms, Embedded Systems
- **Notable Project:** Developed an IoT-based system in collaboration with faculty to monitor environmental parameters, gaining hands-on experience with sensors and microcontrollers

PROFESSIONAL EXPERIENCE

Walmart   **July 2024 - Present**
Customer Service Representative and Retail Cashier

- Provided **exceptional customer service** by assisting over 30 customers daily, increasing **customer satisfaction scores by 15%**
- **Managed point-of-sale systems** efficiently, maintaining **100% accuracy** in cash transactions and reducing checkout time by 10%
- Supported team initiatives that improved store operations, contributing to a 20% increase in monthly sales
- Coordinated with the **inventory team** to ensure accurate stock levels, reducing product shortages by 20%

Freelance Data Analyst   **Aug 2023 - Present**

- Designed and developed small-scale applications for clients, focusing on **database integration and user interfaces**
- **Conducted software testing and debugging** to ensure optimal performance, reducing client-reported issues by 20%
- Authored **detailed technical documentation**, including user guides and training materials, to ensure seamless adoption of solutions
- **Optimized data processing workflows** through innovative automation techniques, reducing client operational costs by 15%

Seneca College   **Sep 2024 - Present**
Vice President, Seneca Disruptive Technologies Club | Volunteer

- Directed a team of **150+ members** to organize and execute over 3 technology-focused events, including hackathons and workshops, driving a 30% increase in student engagement
- Established **cross-departmental collaborations**, promoting interdisciplinary innovation and knowledge sharing on disruptive technologies
- Managed the club's **budget and resources**, ensuring financial 0transparency and efficiency in funding allocation for events and research initiatives

PROJECTS

Pokémon Analysis in Python | (GitHub Link)

- Utilized Python libraries (**Pandas, Matplotlib, Seaborn**) to analyze **Pokémon dataset**, uncovering trends and insights that could aid competitive players
- Created detailed **visualizations** to highlight relationships between attributes, improving **user understanding by 40%**

E-Commerce Data Analysis in SQL | (GitHub Link)

- Designed and executed complex **SQL queries** to analyze **sales trends** and customer behaviors, providing actionable insights
- Built dashboards to visualize key performance indicators, improving **decision-making** processes by 20%
- Documented findings in a comprehensive report, earning recognition for **clarity and impact**

Library Management in C | (GitHub Link)

- Developed a comprehensive **library management system in C** to streamline book inventory tracking and member management
- Implemented features such as book borrowing, returning, and inventory updates, enhancing operational efficiency by 25%
- Designed a **user-friendly command-line interface**, improving accessibility and usability for non-technical users
- Conducted rigorous **testing** to ensure system stability and accuracy, reducing errors in book tracking by 15%

CERTIFICATIONS

Python for Data Science

- Mastered fundamental and **advanced Python programming concepts**, including data analysis, automation, and debugging
- Applied Python libraries like **Pandas**, **NumPy**, **Matplotlib**, **Plotly** and **Seaborn** for data manipulation and visualization

Web Development

- Gained expertise in **developing responsive** and **accessible web applications** using modern frameworks and tools
- Acquired hands-on experience in improving site performance, navigation, and user experience