

# Harsh Parmar

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Recent Computer Science graduate with strong skills in programming, data management, and web development. Experienced in Python, SQL, web technologies, and cloud tools, with a proven track record of optimizing workflows and collaborating effectively in team environments. Eager to apply technical expertise and problem-solving skills in professional settings.

## WORK EXPERIENCE

### Osgoode Professional Development

Toronto, ON

#### Records & Data Entry Assistant

July 2024 – Present

- Coordinated and streamlined database management, improving data entry efficiency by 30% through Excel-based workflows and automating manual processes.
- Collaborated with cross-functional teams to ensure data accuracy, increasing database reliability by 15%.
- Conducted data audits and clean-up efforts, improving data consistency by 20% and optimizing database performance.

### York University

Toronto, ON

#### Events Assistant - Performance Facilities

February 2024 – Present

- Provided exceptional customer service through multiple channels, handling ticket requests and event inquiries.
- Processed transactions accurately, greeted patrons, and ensured a smooth experience during performances.
- Monitored theatre lobbies for safety and assisted in event preparation, contributing to successful events.

### York University

Toronto, ON

#### Records & Data Entry Assistant - Faculty Affairs

July 2023 – May 2024

- Developed and maintained SharePoint and WordPress sites, improving data accessibility and increasing faculty portal traffic by 40%.
- Automated job ad uploads and review processes with Excel VBA and Power Automate, reducing processing time by 25%.
- Enhanced faculty communication by integrating automated email flows, cutting manual emailing time by 50%.

### CIBC

Toronto, ON

#### Intern - Information Security

July 2022 – January 2023

- Redesigned and optimized MS SharePoint for InfoSec Department, improving user experience and achieving a 35% increase in user satisfaction.
- Collaborated in weekly meetings to implement process improvements, streamlining departmental goals and enhancing resource planning.
- Improved data accessibility by 25% by revamping MS Teams folder structures and ensuring up-to-date information sharing.

## SKILLS

**Programming Languages:** Python, Java, C, R

**Data Management & Analysis:** SQL (MySQL, PostgreSQL), Microsoft Excel

**Tools:** Microsoft Power BI, Tableau Software, Microsoft SharePoint, Microsoft Power Automate, GitHub, WordPress

**Web Development:** HTML, CSS, JavaScript, Django, NextJS, Node.js, React.js, RESTful APIs, TypeScript

**Cloud & DevOps:** Azure OpenAI, CI/CD, ETL Pipelines, SaaS (Basics)

**Project Management & Collaboration:** Agile Methodology, SDLC, Jira, SAP (Basics)

**Soft Skills:** Teamwork, Multitasking, Interpersonal communication, Problem solving, Critical thinking, Prioritization, Research, Self-motivated, Troubleshooting, Detail-oriented, Leadership, Analytical thinking, Innovation, Coordination.

## EDUCATION

### York University - Lassonde School of Engineering

Toronto, ON

**Degree:** Bachelor of Science with Honours Specialization

**Major:** Computer Science

January 2021 - January 2025

## PROJECTS

### PortPal : AI-Powered Chatbot for Portfolio Interactions

[Link](#)

- Developed a conversational AI chatbot using Azure OpenAI and GPT for real-time, context-aware user interactions.
- Configured system instructions to personalize the chatbot's responses based on the resume, improving user engagement.
- Seamlessly integrated the chatbot into the website, enhancing user experience and facilitating smooth navigation of the portfolio.
- Implemented dynamic message handling with state management and real-time updates, ensuring an interactive conversation flow with users, while automatically scrolling the chat for seamless navigation.

**Car Sales Prediction - *Introduction to AI & LP***[Link](#)

- Developed a predictive model to forecast car sales and optimize inventory management using Linear Regression, Random Forest, and SVM.
- Utilized linear programming to improve inventory accuracy and reduce overstock/understock.
- Applied extensive data preprocessing, feature engineering, and validation for high model performance.

**Image Processing with Edge Detection & Seam Carving - *Computer Vision***[Link](#)

- Developed image processing tools for edge detection and content-aware seam carving using NumPy, TensorFlow, and Matplotlib.
- Implemented Gaussian blur, Sobel filtering, and hysteresis thresholding to enhance image accuracy.
- Resized images efficiently while preserving key features using content-aware seam carving.

**Secure Login & Registration System**[Link](#)

- Designed a secure login system with user authentication and session management using Django.
- Developed a responsive front-end with HTML, CSS, JavaScript, and dynamic UI elements.
- Integrated email confirmation for user identity verification and form validation to ensure data integrity.

**CERTIFICATIONS & TRAINING**

- Career Essentials in Business Analysis (in progress)
- [Python for Data Science Essential Training](#)
- [R for Data Science](#)
- [SQL Essential Training](#)
- [Career Essential in Generative AI](#)