

Parth Gala

226-961-4354 | Toronto, ON | [Email](#) | [LinkedIn](#) | [Website](#) | [Github](#)

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, TypeScript, PHP, Java, C, HTML

Frameworks: React.js, Node.js, Next.js, TailwindCSS, Flask, Django

Databases: MySQL, SQL Server, PostgreSQL, MongoDB

Tools & Platforms: Apache, MS Azure, AWS, Docker, Jupyter Notebooks, Tableau, Android Studio, Power BI, Power Automate, Git

Libraries: NLTK, Scikit-Learn, Matplotlib, TensorFlow, PyTorch, Keras, Seaborn, OpenCV, Pandas, NumPy

EDUCATION

University of Windsor

Sep 2021 – Apr 2025

Bachelor of Computer Science Honours (Co-op), Specialization in AI and Minor in Mathematics

Windsor, ON

EXPERIENCE

Full Stack Software Developer Co-op

Sep 2023 - Aug 2024

Ground Effects Ltd.

Windsor, ON

- Designed and optimized web applications using PHP, TypeScript and JavaScript to address diverse project requirements, including database integration, back-end processing, responsive user interface
- Developed and maintained data pipelines supporting 3+ cross-functional teams, by leveraging complex SQL queries and stored procedures for efficient data extraction and transformation
- Implemented high-performance, scalable RESTful APIs and backend services that enhanced system performance and decreased response times by 25%.
- Automated workflows using Azure and AWS cloud solutions to perform routine tasks, reducing manual effort by almost 80%

Data Science Intern

May 2022 - Aug 2023

Malad Gas Service, BPCL

Mumbai, India

- Applied machine learning techniques to analyze customer data and forecast service demands, enabling the team to implement targeted strategies that improved sales and customer service efficiency by over 30%.
- Streamlined monthly reporting by analyzing large datasets and integrating databases with SQL, increasing data accuracy by 60%.
- Created interactive visualizations that simplified data insights, boosting stakeholder engagement and improving strategic business outcomes by 40%

Teaching Assistant

Jan 2023 - Apr 2025

University of Windsor

Windsor, ON

- Planned and facilitated labs for 30+ students for courses in Computer Science and provided personalized feedback
- Liaised with professor regarding development opportunities, challenges and assisting with lectures for students
- Coordinated grading and assessment of 25+ students' work, including assignments, quizzes, and tests

PROJECTS

Text Analyzer App | *JavaScript, Flask API, Python, Deep Learning, NLP, Machine Learning*

- Collaborated on developing a high-performance text analyzer app that delivers real-time summarization, paraphrasing, translation, and sentiment analysis with more than 95% accuracy

Real-Time Market Data Forecasting | *Python, AI, Machine Learning, Deep Learning*

- Built a real-time market trend prediction system in a team of 3, using machine learning and deep learning models, with a focus on performance evaluation for improved accuracy achieving a final grade of 100%

Expense Tracker App | *Java, Firebase*

- Led a team of 4 to develop an intuitive android expense tracker app, enabling users to effortlessly manage and monitor their expenses while generating detailed monthly PDF statements through a custom API scoring 99%

E-commerce Website | *HTML, PHP, JavaScript, MySQL*

- Designed an e-commerce website with secure user authentication, CRUD operations functionality, intuitive shopping cart and checkout controls

Connect Four Game | *C, CLI*

- Devised and built a command line version of a game called Connect Four, where two players compete against each other and first one to get a four in a row wins