

# Parth Gala

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## TECHNICAL SKILLS

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

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

**Technologies:** Apache, MS Azure, AWS, SQL Server, Jupyter Notebooks, Firebase, MySQL, Tableau, Power BI, Power Automate, Git

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

## EDUCATION

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### University of Windsor

Sep 2021 – Present

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

*Windsor, ON*

## EXPERIENCE

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### Software Developer Co-op

Sep 2023 - Aug 2024

*Ground Effects Ltd.*

*Windsor, ON*

- Designed and optimized web applications using PHP 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
- Analyzed data using different visualization tools to generate actionable reports, driving data-driven decisions
- Automated workflows using Azure and AWS cloud solutions to perform routine tasks, reducing manual effort by almost 80%

### Data Analyst Intern

May 2022 - Aug 2023

*Malad Gas Service, BPCL*

*Mumbai, India*

- Optimized monthly statistics reporting by analyzing large datasets and integrating databases using SQL, improving accuracy by 60% and delivering valuable insights
- Created interactive visualizations that simplified data insights, boosting stakeholder engagement and improving strategic business outcomes by 40%
- Collaborated with a team of 4-5 members to drive sales, and provide high-quality customer-service enhancing team performance and productivity

### Teaching Assistant

Jan 2023 - Dec 2024

*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 with grading and assessment of 25+ student work, including assignments, quizzes, and tests

## PROJECTS

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### 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