

Harjot Singh

(437)-766-3518 | mailharjotsingh2023@gmail.com | Oshawa, Canada | [linkedin.com/in/harjot-singhdc/](https://www.linkedin.com/in/harjot-singhdc/)

Analyst with 4 years of experience in capturing, manipulating, and visualizing data to drive business insights and decision making. Adept at receiving and monitoring data from multiple streams, including SQL and API. Skilled in leveraging advanced analytics techniques and data visualization tools to interpret complex data sets and present actionable insights to stakeholders. Proven ability to enhance data accuracy, streamline processes, and support strategic initiatives through meticulous data management and analysis.

Education

Graduate Certificate, Artificial Intelligence [Durham College](#)

Oshawa, Canada 2024-2024

Bachelor of Technology, Computer Science [G.G.S.I.P.U](#)

New Delhi, India 2015-2019

Professional Experience

Analyst 2, ([Wipro Limited](#))

Noida, India 01/2023 - 12/2023

- Led the development of advanced ETL/ELT processes to enhance data migration and integration efficiency.
- Conducted detailed analysis on past JIRA tickets by gathering requirements from leadership and then generated insights, visualized and published those reports for quarterly performance review for peers.
- Automated testing to check meta tags, broken links from the webpages using web scraping techniques that reduced the manual testing by 20% using selenium and python.
- Automated complex reporting systems, streamlining scheduled report generation and improving timely distribution to stakeholders.

Analyst, ([Wipro Limited](#))

Noida, India 02/2021 - 12/2022

- Developed and maintained JSON-RPC based data integration solutions to extract, transform, and load (ETL) data from external APIs into the platform's backend system.
- Supported a chat-bot on Amazon S3 that responds with custom retirement benefits for an employee based on its age and annual salary.
- Developed Tableau reports to track key performance indicators (KPIs) and operational metrics, facilitating data-driven decision-making.

Associate Analyst, ([Wipro Limited](#))

Noida, India 02/2020 - 01/2021

- Implemented robust ETL/ELT pipelines to migrate data from non-relational to relational databases, ensuring smooth integration and consistency across systems.
- API Development for Data Visualization: Created REST APIs to convert and retrieve summarized data, facilitating interactive data visualization tailored for Health & Wellness clients' needs.
- Enhanced efficiency through Python automation, automating reporting processes to generate scheduled reports promptly and distribute them to stakeholders, thereby improving operational efficiency and timely decision-making.

Summer Internship, ([Tagglabs Pvt. Ltd.](#))

Gurgaon, India 06/2018 - 08/2018

- Contributed greatly to enhancing front-end user experiences and revitalizing website aesthetics adhering to AdobeXD design guidelines.
- Supported the creation of a responsive website utilizing HTML, CSS, JavaScript, and Bootstrap, effectively transforming its look and feel.
- Integrated MySQL within the application of Node.js for capturing 5000+ users data from an event functionality within the project.

Projects

AI Meal Planner & Image Detection **Key Skills: Python, CNN, Open AI, Anthropic, Streamlit, Kaggle, Git**

- Formulated an AI-based meal planner that provides food items recommendations based on the calorie goal set by the user, along with recipes leveraging OpenAI for 30+ dishes. Along with that, a reward is based on a match of the image uploaded by the user with that of the recommended dish.

Plant Disease Classifier

Key Skills: Python, PyTorch, Pillow, HTML, CSS, JavaScript

- Formulated with a team to enhance the user interface and usability of a web dashboard, ensuring a more user-friendly experience. This dashboard, designed to recognize disease stages in crops, utilized CNN algorithms applied to a dataset of various crop species.

Skills

- **Data Visualization:** Microsoft Power BI, Tableau, Tableau Cloud, Excel
- **Software:** JIRA, Confluence, Excel, Git, AWS, Azure, SVN, Kentico
- **Libraries/Languages:** Python, JavaScript, MySQL, MS SQL Server, Scikit-Learn, TensorFlow, Mathplotlib, Numpy, PyTorch
- **Soft Skills:** Problem Solving, Presentation, Teamwork, Time Management, Active Listening, Adaptability, Analytical Thinking
- **Certification:** AZ-900 (Linkedin Learning)