

Krish Patel

Toronto | krish0306patel@gmail.com | 437-258-4892 | thekrishpatel.com | linkedin.com/in/krishpatell
github.com/krishhh4892

Profile Summary

Computer science graduate from Toronto Metropolitan University and data analyst at Sys Creations, Burlington, where I turned complex data into clear insights for healthcare and finance. Skilled in Python, SQL, and ETL pipelines, I streamlined data processes, cutting processing time by 25%. I'm passionate about using machine learning and data tools to solve real-world problems.

Experience

Data Analyst, Sys Creations – Burlington, ON May 2024 – May 2025

- Automated ETL pipelines using **Azure Data Factory**, improving data flow across cloud and on-prem systems.
- Built dynamic dashboards in **Power BI** and **Tableau** to visualize patient data and business KPIs, enhancing executive insights.
- Queried and joined large datasets using **SQL Server**, **Snowflake**, and **PostgreSQL** to extract actionable healthcare trends. Cleaned and transformed data using **Pandas**, **Power Query**, and **Excel**.
- Developed validation scripts with **Python** and automated QA using **Excel VBA**, reducing manual data checks.

Software Developer Intern, Sys Creations – Burlington, ON May 2023 – April 2024

- Developed RESTful APIs using **Python (Flask)** and **Node.js**, improving backend data access and integration.
- Implemented frontend components with **React.js** and **Bootstrap**, enhancing user interface responsiveness.
- Wrote unit and integration tests with **Jest** and **PyTest**, boosting code reliability and coverage.

Education

Toronto Metropolitan University, BS in Computer Science Sept 2022 – May 2025

- Relevant Coursework:** Machine Learning, Artificial Intelligence I, Data Mining, Database Systems I, Intro to Data Science, Data Structures, Intro to Computer Vision, Algorithms, Intro to software engineering

Projects

Apple Stock Price Predictor github.com/krishhh4892

- Developed a machine learning model to predict Apple stock price movements using historical stock data (1980–2021)
- Implemented a Random Forest Classifier with engineered features, achieving a test ROC AUC score of 0.918
- Tools Used: Python, Pandas, Scikit-learn

Self-Driving Car Steering Model github.com/krishhh4892

- Built a convolutional neural network (CNN) to predict steering angles for a self-driving car using driving simulation data, enabling autonomous navigation on a virtual track.
- Tools Used: Python, TensorFlow, Keras, OpenCV, Pandas, NumPy, Matplotlib

Technologies

Languages: Python, Java, SQL, JavaScript, C+, C++, R, Bash, HTML/CSS, Scala, TypeScript, MATLAB, Ruby, lisp

Technical Skills SQL Server, Azure Data Factory, Power BI, Tableau, Snowflake, PostgreSQL, Git, Docker, Kubernetes, Jenkins, JIRA, Excel (VBA, Power Query), AWS Cloud

Certificates

AWS Certified Cloud Practitioner
CompTIA A+

Expected June 2025
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