




# AMAR NATH


Problem solver with a passion for developing intuitive solutions. As a data scientist I collaborate across various teams to build solutions that transform business objectives into measurable KPIs. I hope to combine my analytical and coding skills to develop impactful, engaging products.

## Contact

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## Technical Skills

Javascript, jQuery

React, Redux

Python, Django

SQL

Unit Testing

## Employment Background

### Data Scientist

*Infrastructure Ontario | 2017 - Present*

- Designed and built end-to-end data pipelines - from data collection points using MS Power Platform, SharePoint, storage in SQL Server and automated reports through PowerBi - to create unified sources of truth with real-time reporting to enable data-driven decision making
- Devised an optimal real estate portfolio streamlining strategy to reduce portfolio footprint and maximize cost savings by leveraging machine learning models such as linear and multivariate regression
- Developed a competitive vendor procurement process by analyzing patterns in our data and devised a new vendor filtering and contract awarding process based on market best practices
- Worked closely with HR to design employee life cycle program to understand employee journey from recruitment, growth to exit

## Relevant Projects

### Portfolio Tracker

*Django | REST API | PostgreSQL*

- Django app that leverages yahoo finance API to search stocks. Using session storage and postgresSQL, users can add stocks to their portfolio and track portfolio performance over time.

### Radio Fighters

*React | Redux | REST API*

- A React App that enables users to search musical bands using AudioDB API. The app generates a series of trivia questions, compares user response to correct answer and assigns a final score

### Burger Builder

*React | Redux | Firebase*

- React based food app that allows users to login, customize and order a burger. Firebase authenticates users and saves their order data in Realtime database

## Academic History

### University of Waterloo

*Honors Mathematics - Financial Analysis & Risk Management, 2017*