

# Ayush Yadav

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## EDUCATION

### Loyalist College in Toronto

Toronto, ON

Graduate Certificate in Artificial Intelligence and Data Science

Graduation Date: December 2023

- Awards: Dean's Honors List (Top 10%)

## WORK EXPERIENCE

### Online24x7

Gurgaon, India

Software Developer

June 2021 – January 2022

- Developed a fresh authentication module using Python to enhance compliance with system security measures.
- Created a MySQL database schema design that boosted data integrity and increased access speed by 39%.
- Crafted a user-friendly interface for our internal tool utilizing Django, resulting in a surge of 300+ additional users adopting the tool within the inaugural week.
- Teamed up with a group of four individuals to ensure the punctual completion of the project while maintaining adherence to best practices.

### ACES

Noida, India

Data Analyst

May 2020 - June 2021

- Worked on analytics, KPIs, finance reports, and CSR reports, and creating and improving dashboards.
- Developed 140 intricate SQL reports to audit \$2.5M worth of pay and benefits for more than 1,300 employees.
- Sustained a 98% on-time delivery rate for maintaining reports.
- Streamlined data distribution, file sharing, and report tracking for a repository of over 4,000 files utilizing SharePoint.

## ACADEMIC PROJECTS

### Job Recommendation System

- Scraped data of about 2500 companies from indeed using Selenium in Python.
- Used NLP techniques like text classification, keyword extract and lemmatization.
- Model takes a resume and shows the most relevant job titles with 85% accuracy.
- Lead the team of 6 during this project. Majorly played role of Data Scraping and Debugging

### Heart Failure Detection System

- Built using 5 different Machine Learning Algorithms: Logistic Regression, Support Vector Classifier, Decision Tree, Random Forest, and K-Nearest Neighbors (CV score > 90%).
- Used Libraries Matplotlib and Seaborn for Data Visualization, performed feature engineering using Chi Squared Test and ANOVA Test.
- Built User Interface using Streamlit and Flask as framework.

## SKILLS

**Technical Skills:** Machine Learning, Data Analysis, Tableau, MS Office (Proficient), SQL

**Programming Languages:** Python, C++, R, HTML, JavaScript

**Tools:** PostgreSQL, Microsoft Azure, Jupyter Notebook, Docker, GIT/GITHUB, TensorFlow, Selenium

**MS Excel:** Pivot Tables and Charts, Macro/VBA Automation, Dashboard Creation and Reporting, Power Query/Get and Transform Skills

**Soft Skills:** Excellent Communication written and verbal, Attention to Detail, Strong Work Ethic, Business Acumen, Collaborating Attitude

## PROGRAMMING ACHIEVEMENTS

- Python Hackerrank 5 Star (Username - @ayushyaadav)
- C++ Hackerrank 3 Star (Username - @ayushyaadav)
- Geeksforgeeks Score 450+ (Username - @ayushybt)
- CodeChef Rating 1592 (Username - @yadav7ayush)