# Harsh Yadav

**256-Lester St,**
**Waterloo N2L 3W5**
**(249) 989-0440**
**Yadavharsh2324@gmail.com**

I am a passionate and results-driven Machine Learning and AI Engineer with a strong foundation in data science, predictive modeling, and deep learning.

## EXPERIENCE

**Backend Developer**
Groovy, Nadiad, Gujarat — June 2022 to November 2023

- Developed and maintained backend services and APIs, ensuring high performance and responsiveness.
- Collaborated with front-end developers to integrate user-facing elements with server-side logic.
- Optimized database queries and improved system efficiency, reducing server load times by 30%.
- Worked with a team to implement new features, troubleshoot issues, and ensure seamless deployment of updates.

## EDUCATION

**Education**
**Post-Graduate Certificate in Artificial Intelligence and Machine Learning**
Conestoga College, Waterloo, Ontario
January 2024 – August 2024

- Relevant Coursework: Deep Learning, Data Analytics
- Focused on applying advanced AI and ML techniques to solve real-world problems.

**Bachelor of Computer Applications (BCA)**
Sardar Patel University, Anand, Gujarat
June 2020 – April 2023

- Focused on software development, database management, and computer networks.
- Gained a solid foundation in programming and computer science principles.

## SKILLS

**Programming Languages**: Python, R, Java, C++

**Data Science Libraries**: NumPy, Pandas, Matplotlib, Seaborn, SciPy

**Machine Learning**: Scikit-learn, TensorFlow, Keras, PyTorch, XGBoost

**Deep Learning**: Neural Networks, CNNs, RNNs, LSTMs, GANs

**Natural Language Processing (NLP)**: NLTK, SpaCy, BERT, GPT

**Data Visualization**: Matplotlib, Seaborn, Plotly, Tableau

**Big Data Technologies**: Hadoop, Spark

**Database Management**: SQL, NoSQL, MongoDB

**Version Control**: Git, GitHub

**DevOps**: Docker, Kubernetes, CI/CD

## LANGUAGES

English and Hindi

**GITHUB** – Link

**LINKEDIN** – Link

## PROJECTS

**Telecom Churn Prediction**: Developed a model to predict customer churn in the telecom industry.

**Car Price Predictor**: Created a predictive model for estimating used car prices.

**GoodLife Gym Utilization**: Optimized gym equipment and class usage for GoodLife Fitness.

**No-Show Predictor**: Built a model to predict appointment no-shows for a hair salon.

**Loblaws Customer Attrition**: Developed a churn prediction model for Loblaws grocery stores.

**TikTok Trending Account Prediction**: Analyzed social media data to predict trending TikTok accounts.