

# PRIYANKA YADHAV SURESH

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## SUMMARY

I am an AI Student pursuing my education in George Brown College with a strong background in Computer Science , Mathematics and Statistics.Highly proficient in programming language such as python and experienced in applying machine learning algorithms , deep learning, and predictive modelling techniques on diverse datasets.Seeking a challenging position in a dynamic and collaborative environment where I can learn from seasoned professionals, expand my skill set, and contribute to impactful projects.

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## HIGHLIGHTS OF QUALIFICATIONS

- 1.Worked on ML Frameworks
  - 2.Programming Proficiency in python
  - 3.Worked on Object Detections , face recognition using Deep Learning Techniques
  - 4.Worked on Big Data Technologies such as Hadoop , Spark ,Hive and Pig
  - 5.Strong hands-on experience in Data analysis and Visualization Techniques
  - 6.Professional experience in Javascript
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## EDUCATION

### POST GRADUATE PROGRAM IN APPLIED AI SOLUTIONS DEVELOPMENT

Sep 2023 - Aug 2024

3.56 GPA

School of Computer Technology

- Majoring in Computer Science , Mathematics and Statistics
- Proficient in building any ML and DL Models.

Aug 2016 - June 2019

7.5 GPA

### Masters In Computer Application

Department of Information Technology

- Relevant coursework in Computer Science and applications.
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## TECHNICAL SKILLS

- Programming Languages : **Python , Javascript and MYSQL**
- **Machine Learning Algorithms**
- NLP and Deep Learning : **GenerativeAI , GANs , Transformers , Object Detection , Face Recognition and Recommender, Image processing .**
- Big Data Technologies : **spark , Hadoop , pig and hive.**
- Data Visualization Techniques : **matplotlib and seaborn**
- Tools & Technologies : **Git , TensorFlow , Numpy , Pandas , scikit-learn , Jupyter , VS Code , MExcel ,MongoDB**

## ACADEMIC PROJECT

### English To Spanish Translator

- A neural network machine translator specialized in sequence to sequence models with attention mechanism .
- It is build using deep learning framework such as Tensor flow and PyTorch.
- Developed custom data preprocessing pipelines , feature selections and hyper parameter tuning to optimize model performance.
- **Skills : Python , Tensorflow , PyTorch , Keras**

### Airline Passenger Satisfaction

- Built a successful project predicting passenger satisfaction levels using ML models trained on survey data, achieving >90% accuracy.
- Applied EDA, feature engineering, and scikit learn libraries to build predictive models using LR, RF.
- Built good data Visualization dashboards to showcase the predication
- **Skills : Python , Logistic Regression, Random Forest, Data Preparation and Feature Engineering.**

### Emotion Insights for Product Development

- Built a Emotion detecting model that predicts the emotion of people depending on the products that they buy.
- Built a CNN model from scratch and was able to achieve a 84% training accuracy.
- **Skills : TensorFlow , Keras , python , Object Detection.**

### Detector

- Built an sentimental analysis model for detecting plagiarism of essay in school.
  - Built a FNN model from scratch and was able to achieve a 94% training accuracy.
  - **Skills : LLM's, python**
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## PROFESSIONAL EXPERIENCE

- Wrote clean, modular, and efficient code using Javascript.
  - Implemented back-end logic and server-side functionality using SQL
  - Designed and maintained databases, ensuring efficient data storage and retrieval.
  - Conducted thorough debugging and Unit testing to ensure software stability.
  - Developed front-end applications
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## PROFESSIONAL PROJECTS

### Supply Chain Management

- This system is an optimization of a product's creation and flow from raw material sourcing to production, logistics and delivery to the final customer.
- The integrated planning and execution of processes required to manage the movement of materials, information and financial capital in activities that broadly include planning of demand spares, sourcing, production, inventory/stocks management and storage, transportation or logistics and returning excess or defective products. This system tracks all the process from creation till departure or return of spares.
- **Skills : Javascript, Web Technologies , MYSQL**

### **Trouble Ticketing**

- This product helps in resolving customer issues in no time. This tool is a 2-way application. Where the customer can raise a ticket at any time of the day and that issue or ticket will be assigned a unique ticket number. Once a ticket is raised a mail is triggered to relevant person assigned too. Using the same ticket number, we can update the resolved issue or solution.
- **Skills : Javascript, Web Technologies , MYSQL**

### **ScaleData**

- It is a UI based platform to explore the data. Helps the user to extract and transform the data from different sources. User can filter, join, and analyze their data using drag and drop interface. Data can be converted into charts, live graphs, and dashboards. Can also create forms using no code.
- **Skills : Javascript library like angular JS , Web Technologies , MYSQL**