

# Manas Pandya

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## Summary

Data-focused Developer with expertise in Python, Machine Learning, and data analysis, combined with hands-on experience in React Native, Django, REST APIs, and SQL.

## Experience

### Capstone Project – HRXConnect (Full Stack Developer)

May 2025 – Aug 2025

- Built React Native mobile features and streamlined UI workflows to boost engagement
- Designed and integrated RESTful APIs with a Django backend for authentication and data processing.
- Optimized SQL queries and caching to improve system performance and scalability.
- Collaborated in a team of 4, ensuring effective communication and agile task delivery.

### Data Transcriber (English) – LXT Inc., Mississauga, ON

Oct 2024 – Jan 2025

- Transcribed and annotated audio data with 99%+ accuracy under strict deadlines.
- Performed data labeling and classification to support AI/ML training datasets.
- Ensured confidentiality and compliance with secure facility protocols.

### Data Scientist – Maxgen Technologies Pvt. Ltd., Pune, India

May 2022 – Nov 2022

- Analyzed datasets using Python (Pandas, NumPy, Scikit-learn) to generate insights.
- Built predictive models that improved reporting efficiency by 40%.
- Developed automated pipelines and interactive visualizations with Matplotlib/Seaborn.

## Education

### Humber Polytechnic, North Campus

January 2024 – August 2025

Post-Graduate Certificate in Information Technology Solutions

Toronto, ON

CGPA: 89.9 / 100.0

### Bharati Vidyapeeth Deemed University

July 2019 – July 2023

Bachelor of Technology in Computer Engineering

Pune, India

CGPA: 9.34 / 10.00

## Skills & Academic Courses

**Programming:** Python, Java, JavaScript, Node.js

**Data Technologies:** Hadoop, MySQL, SQL Server, MongoDB

**Data Science:** Machine Learning, Statistical Analysis, Data Processing & Visualization

**Soft Skills:** Communication, Stakeholder Management, Teamwork, Conflict Resolution

**Relevant Coursework:** Java Programming, Data Structures & Algorithms, Big Data, Machine Learning, Project Management, Intro to Database and MySQL, SQL Server Administration, Business Intelligence

## Projects

### Brain Tumor Detection – [https://github.com/ManasPandya7/Brain\\_Tumor\\_Detection](https://github.com/ManasPandya7/Brain_Tumor_Detection)

- Built high-accuracy brain tumor detection model using **SVM (94%)** and **Logistic Regression (92.3%)**.
- Tools Used: Python, NumPy, Pandas, Scikit-learn, OpenCV, Matplotlib, Seaborn

## Certifications

- Supervised Machine Learning: Regression and Classification
- Divide and Conquer, Sorting and Searching, and Randomized Algorithms
- The Fundamentals of Digital Marketing