C H Pratyusha

Data Science & ML Enthusiast

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Educational Background

I K Gujral Punjab Technical University
BTech in Computer Science – 8.6/10| **2022 – 2026**

Kasidih High School

Class 12 - 92.8%

Class 10 - 85.2%

Technical Skills

- **Programming Languages**: Python, C++, MySQL, MongoDB

- **Deep Learning Frameworks**: PyTorch, TensorFlow, HTML,CSS, Javascript,

- **AI/Machine Learning Tools**: Scikit-learn, NumPy, Pandas, Deep Learning

- **Visualization**: Matplotlib, Seaborn, Power BI, Tableau

- **Databases**: MySQL, MongoDB

- **Soft skills**: Team work, Leadership, Problem Analytics

- **Other Skills**: Advance Excel, Data Cleaning, Feature Engineering, Deployment (Flask)

Work Experience

Data Scientist (Apprenticeship)

Jalandhar, Punjab
Jun 2024 – Aug 2024

- Created a Salary Prediction System of employees based on roles, **achieving 90% accuracy**.

- Performed a data analysis on the 2023 Salary Statistics

Projects

Diabetes Health Indicator (Python, PyTorch, Machine Learning) link

- Developed deep learning models using Python and PyTorch for diabetes health indication by leveraging transfer learning with ResNet-50 and custom CNN architectures.
- The ResNet-50 model achieved 98.54% accuracy, outperforming the custom CNN model at 98.3% on the benchmark dataset.

RSVP Movies Analysis

- Analyzed movie datasets (2017-2019) using **Python** to determine success factors.

- Built predictive models with **Scikit-learn** to forecast movie performance.

Certifications

- **Programming in Python Certification Program** – Udemy

- **Data Science and Analytics Certification Program** – Internshala

- **AWS Cloud Virtual Internship**

- **MS Excel USING AI Certification** – Office Master

- **Power BI Certification** – Office Master

Coding Profiles

Leetcode : Pratyusha617 | GitHub : Pratyusha4788