

Parshant Kumar Mishra

📞 8872201057

✉️ parshant.k.mishra44@gmail.com

🌐 www.linkedin.com/in/parshant-mishra | github.com/parshant44

📍 Chandigarh, India

Professional Summary

Jr. AI/ML Developer with experience in **Generative AI, Machine Learning**, NLP, and backend development using **FastAPI**. Skilled in building end-to-end AI solutions, REST APIs, and scalable chatbot systems.

Professional Experience

Jr. AI/ML Developer - Shinedesign Infonet . March 2026 – Present

- Working on **dating app chatbot** using AI & NLP.
- Designing conversational flows and personalized user interactions.
- Integrating **APIs** and backend services for chatbot deployment.
- Improving response accuracy using embeddings and LLM techniques.

Python & AI/ML Developer

Netfrux Technologies January 2026 – March 2026

- Developing AI/ML-driven applications using Python, Machine Learning, and Deep Learning.
- Working on chatbot development, **NLP-based solutions**, and intelligent automation.
- Building and optimizing ML models for real-world business use cases.
- **Integrating ML models** with web applications using Streamlit and **APIs**.

Netmax Technologies Pvt. Ltd., Chandigarh July 2025 – December 2025

- Developed and evaluated ML models using **Linear Regression**, Decision Trees, **Random Forest**, and XGBoost.
- Performed **data cleaning**, transformation, and **visualization** using Pandas, NumPy, **Matplotlib**, and Seaborn.
- Gained hands-on experience in end-to-end ML workflows and model evaluation.

Technical Skills

- Programming - **Python**
- Databases - **MySQL**
- Libraries & Frameworks - **NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow**
- Machine Learning - **Regression, Classification**, Model Optimization, Feature Engineering
- Deep Learning - **CNNs**, Image Classification
- **FastAPI**, REST API Development
- NLP & AI - Chatbots, Text Processing, **Embeddings** (basic)
- Tools & Platforms - Jupyter Notebook, VS Code, Google Colab, Streamlit

Key Projects

Company Services Chatbot (AI / NLP)

- Built an AI-powered chatbot using Python, embeddings, and LLMs.
- Implemented **document-based Q&A** using PDFs and similarity search.
- **Deployed an interactive UI** using Streamlit.

Car Price Prediction (Machine Learning)

- Developed predictive models using Random Forest and Linear Regression.

- Performed EDA, **feature engineering**, and **hyperparameter tuning**.
- Improved accuracy using cross-validation techniques.

Customer Churn Prediction (Machine Learning)

- Built an ML pipeline using Python and **XGBoost** achieving 86% accuracy.
- **Handled missing values**, categorical encoding, and class imbalance.
- Evaluated performance using accuracy, precision, and recall.

Gender Classification (Deep Learning)

- Designed a **CNN** model for gender detection from images.
- Applied image **preprocessing, augmentation**, and normalization.
- Used **Adam optimizer** and evaluated with standard metrics.

Education

MBA – Data Science & Artificial Intelligence (Distance)

Chandigarh University

2025 – (Pursuing)

Bachelor of Commerce (Banking & Insurance)

Chandigarh Group of Colleges

2021 – 2024

First Division

Certifications

Data Science Certification Program

Netmax Technologies

Jul 2025 – Dec 2025

Gained practical experience in MYSQL, Python, data preprocessing, machine learning algorithms, Deep Learning and model evaluation through project-based learning.
