Mani Kant Pandey

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EDUCATION

Gautam Buddha University, Greater Noida, India   **Oct 2021 - Oct 2025**
Bachelors of Technology in Computer Science & Engineering
Specialization in Machine Learning

EXPERIENCE

Omnipresent Robot Tech   **Jul 2022 - Aug 2022**
Machine Learning Intern
- During the internship worked on project to create **Autonomous Warehouse Drones**.
- Construction of the map of the drone's unknown environment **Point cloud**.
- **Object Detection** and **Automation** using Deep **Reinforcement Learning**

STPI - Noida   **Aug 2022 - Nov2022**
Incubation
- Our **startup** has been selected for **incubation** at the **Software Technology Parks of India** (STPI) Noida.

GDSC- Gautam Buddha University   **Aug 2022 - Apr 2023**
Core Team Member
- As **machine learning** core team member in **GDSC Gautam Buddha University**, I have been involved in various projects and activities that aim to promote and enhance the **skills** and **knowledge** of students in the field of **data science.**
- Developing and delivering workshops and webinars on topics such as **Python, TensorFlow, computer vision, natural language processing, and deep learning**.

PROJECTS

Customer-Satisfaction - End to End Customer Satisfaction Pipeline

The objective here is to **predict** the **customer satisfaction score** for a given order based on features like order **status, price, payment, etc**. I will be using **ZenML** to build a **production-ready pipeline** to predict the customer satisfaction score for the next order or purchase.

AI-Enabled Drone Surveillance System for Police Operations

An **AI enabled Drone Surveillance System** for police operations to perform functions like Aerial Surveillance, **Crowd control and monitoring**, **Intrusion detection**, Rapid response, **Night vision** for operations at night, **Human tracking**, Collecting video evidences of an event, etc.

Fraud Detection System

 Fraud Detection System is designed to help users identify and prevent **potential fraud** in their **transactions**. Whether you want to analyze **overall data**, upload a dataset for analysis, or search for specific transactions.

Chat with AI: Streamlit Web Application

Streamlit-based web application offers an interactive **AI-powered chat** interface, leveraging **advanced NLP** techniques. It also features capabilities for fetching and processing blog content, integrating various libraries like **HuggingFace**, **FAISS**, **Vector DB** and **BeautifulSoup**.

TECHNICAL SKILLS

Programming languages:- Python, R, SQL, Matlab, C, Java

 Technologies:-Machine Learning, Deep Learning, NLP ,Algorithm Design, Algorithms, Big Data, CI CD, Data-driven Decision Making, Data Pipelines, Data Visualization, DevOps, Object Detection, Visualization, Azure, GCP, AWS

WINNINGS

First Position in Research by Learning Hackathon   **Winner in Rajasthan Police Hackathon**

Winner in Chalravyuh - G20 Shashtam Techfest   **Winner in Knit the Web - G20 Shashtam Techfest**