Chetan Salunke

AI/ML Engineer

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in LinkedIn

Medium

Github

Portfolio

🎓 EDUCATION

Master of Statistics
North Maharashtra University
06/2021 – 06/2023
CGPA 8.8/10

🧠 SKILLS

- Machine Learning (Supervised and Unsupervised)
- Deep Learning (ANN/CNN/RNN)
- Python (NumPy, Pandas, Matplotlib/ Seaborn, Scikit-learn, NLTK, Tensorflow, Keras, PyTorch, open-cv, Langchain)
- SQL
- R Programming
- Statistical Modeling
- Flask
- SAS (BASE)
- AWS
- Big data (Hadoop, Spark, Hive, NoSQL)
- GST Analysis

🏆 ACHIEVEMENT

- **Silver Medal** in Academics of Master of Statistics
- Secure **AIR 389** In IIT JAM Mathematical Statistics.
- Earn I**BM** Data Profession badge Issued by IBM.
- **5-star** rating in Python **and 5-star** rating in SQL at Hacker Rank.

🏛 CERTIFICATION

- Machine Learning for Data Science Projects (IBM)
- Getting started with Enterprise Data Science (IBM)
- Python- Introduction to ML and Data Science
- Data Science Real-World Case Studies

💼 PROFESSIONAL EXPERIENCE

AI/ML Engineer
TheSmartBridge
09/2023 | Hyderabad, India | 10 Months

- As part of a collaborative team, contributed to the end-to-end development and deployment of machine learning models on cloud platforms as part of **MLOps** initiatives.
- Developed **chatbot** enhancing user engagement and **automating** the process of student support which is saving ₹ **500000** for the company annually.
- Engineered **recommendation system**, boosting student & faculty enrollment. **18%** increase in enrollment to programs that helped to **increase 12%** total annual revenue of the company.
- Implemented an automated project evaluation system, resulting in a time-saving of **40%** and a cost reduction of ₹**35,00,000** annually.
- Applied **preprocessing** techniques**,** improving data quality. Conducted ML training for faculties, enhancing teaching capabilities.
- Leveraged **BI tools** for tracking company progress.

Machine learning Intern
Pantech Solution
01/2023 – 06/2023 | 6 Months

- Designed and executed machine learning models for data analysis and predictive modeling..
- Assisted in data preprocessing, feature engineering, and model evaluation, contributing to a **10%** increase in model accuracy and a **12%** reduction in processing time.

Data Analytics Intern
Pantech Solution
07/2022 – 12/2022 | 6 Month

- I spearheaded the development and implementation of a data collection system aimed at enhancing statistical efficiency by **25%** and data quality by **30%**. created a new dashboard that offered real-time insights into key performance indicators. This dashboard not only provided invaluable insights but also increased team productivity by **20%.**

📁 PROJECTS

PaLM-powered Text-to-SQL for Retail Data Retrieval
Crafted a text-to-SQL system using Google PaLM 2 for the retail industry. This project enabled users to submit natural language queries to **retrieve relevant data from retail databases.**
Improved data accessibility for retail businesses, and streamlined data retrieval process through user-friendly queries.
Increased query accuracy by **10%** and Reduced query processing time by **23%**

Crypto Sentiment Analysis ⧉

- Live scraped data from the MoneyControl website for real-time data.
- . Enhanced performance by integrating Hugging Face's **LLM** model **BERT**, resulting in a significant improvement in sentiment analysis accuracy by **20%**.

Build Fracture Detection ⧉

- To improving medical diagnosis Implemented **YOLO V8** model for bone fracture detection and Developed in medical imaging.
- **Achieved 75% mAP** in identifying bone fractures using deep learning techniques deployed in **Flask.**