

MD SHAHIL ANSARI

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Education

Master's in Computer Application Marwari College (8.88 CGPA)

Ranchi, JH 2021 -2023

Bachelor's in Computer Application DSPMU (8.51 CGPA)

Ranchi, JH 2018 - 2021

Technical Skills

Languages and Tools	: Python, SQL (MySQL, PostgreSQL), PowerBI, Excel, Git, GitHub, Mlflow, NoSQL, Keras.
Libraries & Frameworks	: NumPy, Pandas, Matplotlib, Seaborn, PySpark, SK-Learn, Bs4, Flask, Django, Fast API.
Data Science & Machine Learning	: Data Collection, Data Preprocessing, Data Visualization, Data Warehousing, Linear And Logistic regression, KNN, Decision Tree, Random forest, SVM and K Means Neural Networks, NLP, ETL, LLMs, RestAPI.
Mathematics for ML & DL	: Algebra, Statistics, Probability, Matrices
Extra Tools	: Dockers, AWS, Django, CI/CD.

Experience

Data Science Trainer | Itvedant (Mar 2024 - Now)

- Conduct offline classes, mock interviews, and practical sessions on data science while mentoring students pre- and post-placement to enhance their skills and employability.

Freelance Python Developer/ Part Time (2020 - 2024)

- **Data science Trainer:** Design Curriculum, Mentoring and taking online classes and Project Solution to increased growth and customer satisfaction. (FlipRobo, IIDST)
- Projects related to Web Scraping, Django, EDA, ETL, python, ML, and Data Science.

Data Analyst | Fine Air Solutions (Feb 2023 - July 2023)

- Work on CRM, data collection from different department and stored also enhancing data accuracy and security.
- Perform statistical and predictive Analysis in projects using excel and PowerBI to **minimize cost approx 8%**.

Internship

Data Scientist Intern | PW Skills - (Oct 2023 - Feb 2024)

- Krishi Mitra -Website| Recommender, Prediction and Chatbot System
- Developed end-to-end **ML Project** using a Kaggle dataset and using LLMs create **Chatbot as Farming Expert**.

Machine Learning Intern | Spotle ai - (Jan-May 2022)

- **Customer Churn Prediction:** Leverage predictive modeling with **92% accuracy** to forecast customer attrition rates and recommend retention strategies, enhancing customer loyalty and reducing churn using PySpark l.

Projects

Krishi Mitra -Website| Recommender, Prediction and Chatbot System 🐙 [Demo]

- Developed end-to-end **crop and fertilizer recommendation system** or **Plant Disease Prediction** using a Kaggle dataset **Chatbot as Farming Expert**.
- Conducted extensive data preprocessing and feature engineering, Experiment with Different ML Models and Achieve **99% Accuracy** in Random Forest techniques.
- Leveraged **Deep learning for Image classification Problem using RESNET** model and got 99.2% Accuracy.
- Use Google Gemini API and **integrate LLMs Chatbot** as a Farmer Expert.

Student Performance Prediction | end-to-end ML Prediction system 🐙 [Demo]

- **Task Performed:** EDA, Visualization, Data Modeling, Documentation, Flask API, and Frontend, cloud hosting.
- Experiment with different ML models find best model with **88.4% accuracy** And Predict Student math's score.

Achievements & Certifications

- Get a Data Science Nanodegree - [Udacity](#)
- Earned Google Advance Data Analytics - [Coursera, Google](#)
- Machine Learning and AI projects with python - [Udemy](#)
- Earned a Badge of completion for the Open-Access Data Science Virtual Experience Program - BA [Forge](#)
- Achieved a top 10% ranking in a Data Science hackathon hosted by **Spotle.ai**.
- Python, Problem Solving, SQL - [Hacker Rank](#)

INTRESTS: Travelling, Tech blogs, teaching.