Praveen Kumar Bharti

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in [LinkedIn](#) | ○ [Github](#) | ⊙ [Portfolio](#)

PROFESSIONAL SUMMARY

Passionate Data Scientist with a Master of Engineering (2021) and strong foundation in analytics, machine learning and deep learning. Expert in Python, SQL, advanced NLP, Scikit-learn, and TensorFlow. Skilled in transforming data into actionable insights and building predictive models. Driven to contribute to a team-oriented environment where data analysis drives informed decision-making.

WORK EXPERIENCE

Data Science Consultant, Intern   Feb 2023 – Dec 2023
Rubixe | Bengaluru

- Developed robust **text processing pipeline**: Cleaned, normalized, and segmented customer chat data, handling diverse formats and dialects.
- Built high-quality preprocessed tokens: Employed advanced **NLP techniques** like stemming, lemmatization, and entity recognition to enrich tokens and improve model training performance.
- Optimized data for Rubixe platform: Tailored processing pipeline for swift integration with **Rubixe's chatbot** builder, facilitating faster customization and deployment.

Site Engineer   Feb 2022 - Jan 2023
M.K. Gupta construction Company | Chirmiri, Chattishgarh

- **Project Management:** Led the construction of STP plants (3.0 & 1.5 MLD) in Chirmiri, overseeing labor, workflow, and procurement processes.
- **Quality Assurance:** Ensured adherence to quality standards, safety protocols, and compliance with project specifications through consistent site inspections.
- **Reporting & Collaboration:** Produced daily progress reports, identified and tackled challenges, and fostered effective communication with contractors and engineers.

PROJECTS

[[Link..]](#) **Automated Machine Learning App: Streamlining Data Science Workflow**

Created a user-friendly app for automated machine learning processes.

- **Data Science Automation:** Enabled dataset upload, **data cleaning**, preprocessing, **visualization**, and **predictive modeling** with accuracy metrics.
- **Interactive Visualization:** Provided dynamic tools to evaluate model performance and data trends.
- **Modular Python Coding:** Implemented scalable, maintainable, and efficient codebase.

- **User Experience Enhancement:** Incorporated sample datasets, demonstrating app capabilities and offering seamless experience.
- **Conclusion:** Developed an innovative, **automated machine learning solution**, enhancing user engagement and streamlining data science workflow.

[[Link..]](#) **Employee Performance Rating Prediction**

- Successfully implemented machine learning models to forecast employee performance, achieving a remarkable **accuracy of 95%**.
- Conducted extensive data analysis on the dataset, employing various **machine learning** algorithms. Through rigorous experimentation, identified that the **Artificial Neural Network** (ANN) model outperformed others.
- Translated the model into a user-friendly application by creating a **Streamlit webpage**, providing a seamless interface for end-users to interact with the predictive analytics. The application is **deployed** on the Streamlit **web server**, ensuring accessibility and real-time performance insights.

  Skills Used: - Python, Streamlit, pandas, Numpy, Scikit-learn, Tensorflow, ML Algorithm,

CERTIFICATIONS

Data Science Foundation: **IABAC**

Certified Data Scientist: **NASSCOM**

Certified Data Scientist: **Datamites**

EDUCATION

Masters in Environmental Engineering	Sep 2019 - Aug 2021
National Institute of Foundry and Forge Technology, Ranchi	cpga: 7.89/10

Bachelor of Technology, Civil Engineering	Jul 2013 - Aug 2017
Gandhi Institute For Technology, Bhubaneshwar	cgpa: 6.62/10

SKILLS

Python | SQL | NoSQL | Data Analysis | Data Wrangling | Statistics | Data Visualization | ML Algorithms | Time Series Analysis | Deep Learning Architectures (CNNs, RNNs, Transformers) | Streamlit | NLP | TensorFlow | Named Entity Recognition | Transfer Learning | GitHub Actions | CI/CD | AWS | Streamlit| PowerBI | Tableau | Project Management | Communication | Leadership | Time Management | Adaptability | Problem Solving | Teamwork | Creativity