

EDUCATION

- Barkatullah University (BUIIT)**
Bachelor of Technology - Computer Science Engineering; GPA: 7.2

Bhopal, India
2020 - 2024

SKILLS

- Programming Languages** Tools: Python, PostgreSQL, MySQL, Pandas, NumPy, TensorFlow, Scikit-learn
- Data Visualization:** Microsoft Power BI, Tableau, Seaborn, Matplotlib, Word Cloud
- Data Management** Analysis: Excel, Power Query Editor, DAX
- Machine Learning** AI: Machine Learning, Feature Engineering, Statistics, Deep Learning, NLP

EXPERIENCE

- AlmaBetter**
Data Scientist Trainee

Bengaluru (Remote)
Jan 2024 - Present

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- Machine Learning Model Optimization:** Trained and optimized machine learning models utilizing algorithms such as Linear Regression, KNN, Decision Trees, and XGBoost; achieved classification accuracy of 87%.
- Collaboration and Teamwork:** Cultivated strong collaboration skills through participation in multidisciplinary projects, resulting in a 15% increase in team output and the successful completion of projects.

PROJECTS

- Artificial Neural Network From Scratch:** Created a custom neural network using Python and NumPy, achieving 99.3% accuracy on a spiral dataset and a cross-entropy loss of 0.0318 at epoch 99800.
- Credit Score Prediction:** Applied data cleaning, visualization, and feature extraction to improve the accuracy of predicting user credit scores by 15%, using Logistic Regression and Random Forest models.
- Book Recommendation System:** Developed a Book Recommendation System using Python, achieving a 90% accuracy rate by implementing cosine similarity and utilizing Pandas, NumPy, and scikit-learn.
- Sky Analytics Airline and Airport Operations Analysis:** Leveraged Excel techniques to analyze flight records, revealing that 3.91% of flights got canceled and 49.05% got delayed, and identifying top-performing airlines.

ACHIEVEMENTS

- Data Cleaning With AI: Launched and developed a data cleaning software.
- (Bundli Kissan) Android app: Developed a fully functional app for Krishi Vigyan Kendra (M.P. Government), increasing users by 40

CERTIFICATIONS

- Advanced Certification in Full Stack Data Science AI - Indian Institute of Technology (IIT) (Dec 2024)
- Completed Certification in Artificial Intelligence and Full Stack Data Science - AlmaBetter/IIT Verified