

# KAMAL KIRAN MAHANNA

kamalkiranmahanna@gmail.com | 7894690700 | github.com/KamalMahanna

## OBJECTIVE

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IBM-certified Data Scientist with 1 year of experience as an Intern and hands-on experience in data collection, analysis, preprocessing, data visualization, Statistical Analysis and forecasting, seeking an entry-level position in a progressive and innovative company, where I can utilize my skills to deliver real-world data science projects.

## EXPERIENCE

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**IAC-Chatbot**, Industry Academia Community - Intern | [WebSite](#) | [GitHub](#) Jul 2023 - Oct 2023

- Developed an AI-powered chatbot using Google's Dialogflow, enhancing user engagement for a student community of 5,000+ members by 35
- Demonstrated proficiency in natural language processing (NLP) and conversational AI, improving response accuracy by 25
- Achieved a 20% reduction in support response time through effective chatbot design and implementation.

**Google's Stock Price Prediction**, Bharat Intern - Intern | [WebSite](#) | [GitHub](#) Jul 2023 - Aug 2023

- Engineered a stock price prediction model using LSTM networks, reducing prediction error to RMSE 0.00045 and 0.00016 for univariate and multivariate models respectively.
- Conducted Exploratory Data Analysis (EDA) on stock data, identifying key patterns that improved forecasting accuracy by 15
- Analyzed historical trading data using advanced statistical techniques, delivering insights that informed strategic adjustments; the initiative led to an increase in return on investment (ROI) for key trading portfolios over six months.

**Book Recommendation System**, Ai Variant - Intern | [WebSite](#) | [GitHub](#) Oct 2022 - Apr 2023

- Developed a book recommendation system that increased sales by 12% through personalized recommendations based on user ratings.
- Addressed data quality issues by cleaning and processing over 5,000 null values, leading to a 30% improvement in recommendation efficiency.
- Implemented both content-based and collaborative filtering techniques, boosting user retention by 10

**Automated Resume Classification System**, Ai Variant - Intern | [WebSite](#) | [GitHub](#) Oct 2022 - Apr 2023

- Led the development of an automated resume classification system using NLP techniques, reducing manual HR effort by 40%.
- Applied supervised classification methods, achieving a 25% improvement in resume processing accuracy and efficiency.
- Enhanced data preprocessing pipelines, which led to a 30% increase in the accuracy of resume parsing.

## EDUCATION

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**Biju Patnaik University of Technology**, B.Tech in Electrical Engineering Nov 2023

- CGPA: 8.65

## OTHER

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- **Technical Skills:** Python Programming(Numpy, Pandas, Matplotlib, Seaborn, Plotly, Tensorflow, Keras, scikit-learn etc.), MySQL, ML, Clustering Algorithm(K-means, hierarchical clustering), classification algorithms (decision trees, support vector machines, random forests etc.), Deep Learning, Power BI, Git and GitHub(Version Control Systems), Microsoft Excel, Artificial Intelligence, Communication Skill.
- **Certifications:** Data Science from ExcelR, Machine Learning from **IBM**, 5-star Python coder from **HackerRank**
- **Achievements:** Awarded "Unique and Best Data Scientist" for independently implementing null value imputation using web scraping, setting a new standard for data quality and efficiency during the Ai Variant internship.