Mukesh Singh

Berlin, Germany | [LinkedIn](#) | +49 15213900685 | mukesh.singh@iu-study.org

WORK EXPERIENCE

Evertz Microsystem   **Bangalore, KA**
Intermediate Data Science Engineer   *October 2023 – March 2024*

- Spearheaded the development of a data ingestion framework and pipeline architecture using a Retrieval-Augmented Generation (RAG) model for an AI chatbot. This initiative aimed at automating response generation based on an extensive analysis of the company's knowledge base.
- Led a cross-functional agile team through the rapid development and deployment phases of the chatbot project, ensuring completion within strict deadlines while optimizing resource allocation.
- Conducted rigorous data analyses to track the chatbot's performance metrics, achieving a 40% increase in productivity by automating routine inquiries, which significantly alleviated the workload of the support team.
- Utilized analytical tools to monitor and refine user interaction with the chatbot, successfully boosting user engagement and satisfaction through improved operational efficiency and learning support.

Evertz Microsystem   **Bangalore, KA**
Data Science Engineer   *August 2021 - October 2023*

- Spearheaded the deployment and management of 'inSITE,' a comprehensive data management platform. Developed and maintained over 20 interactive Power BI reports and dashboards that integrated data across various hardware platforms, supporting strategic decisions and revealing actionable insights to executive teams.
- Led a team of five in designing and implementing predictive models for applications ranging from sports score forecasting to interactive quizzes. These models improved prediction accuracy by 25% through sophisticated statistical analysis and machine learning techniques.
- Re-engineered data pipelines for efficient processing of over 10 TB of unstructured data daily from multiple sources, implementing optimizations that reduced processing times by 50% and enhanced data accuracy by 30%.

Empower Retirement   **Banaglore, KA**
Data Specialist   *April 2018 – September 2018*

- Orchestrated the integration and analysis of comprehensive datasets to support strategic marketing and sales initiatives. Utilized Power BI to create dashboards that tracked performance metrics for 401(k) plan promotions, which helped enhance marketing strategies and sales effectiveness.
- Developed and maintained advanced Power BI reports to analyze sales trends and customer engagement levels. These reports provided deep insights into customer behaviors and preferences, aiding in the development of targeted marketing campaigns that increased conversion rates by 35%.
- Analyzed sales and marketing data to identify trends and opportunities for optimization. Recommendations based on this analysis contributed to a 20% increase in efficiency in sales operations, reducing overhead costs and improving overall profitability.

EDUCATION

IUBH   **Berlin, Germany**
MS in Data Science (GPA: 3.2)   *present*
IIM   **IIM, MP**
Integrated program in Business Analytics   *2019 - 2020*
Kristu Jayanti College   **Bangalore, KA**
Bachlor in Commerce (CGPA: 7.8)   *2016-2019*

SKILLS & INTERESTS

Skills: Microsoft Office (Excel, PowerPoint) | Power BI | Python| SQL| Data Analytics| LLM | Data Warehousing | Communication | Data Quality & Presentation | Statistics | Machine Learning | Deep Learning | AI

Interests: Marketing & Operations, Analytics, Badminton