BHOOMIKA U

bhoomikaudaykumar99@gmail.com | **LinkedIn** | **GitHub** | **9113937766**

EXPERIENCE

Intern – Data Science & ML | MResult | Mangalore, Karnataka, India

April 2024 – July 2024

Time Series Analysis and Forecasting:

- **Implemented data munging techniques on the data of more than 100000 rows** including cleaning of data, transformation, and normalization of the data to train the models.
- **Utilized and fine-tuned deep learning models** using TensorFlow and Darts improving forecast accuracy by 22% in a production environment.
- **Developed a comprehensive financial dashboard** using Streamlit and Tableau increasing data-driven decision-making capabilities.
- **Integrated Gen AI model as a part of the tool** enabling insights from sales data and accurate forecasting of future sales for 24 months.

Resume Formatting Tool using Generative AI:

- Developed a **time-saving resume formatting application using NLP techniques and Generative AI**, automating the process for efficient resume standardization.
- **Streamlined the process of formatting resumes** leading to increased HR efficiency by 40%, reducing manual formatting tasks.
- **Designed a user interface (UI)** using Streamlit to facilitate easy uploading of resume and downloading of standardized resume.

Assistant System Engineer – UK BFSI | Tata Consultancy Services | Bangalore, Karnataka, India

August 2020 – November 2022

Role - Analyst in a leading UK insurance company (Banking, Finance, and Insurance Domain)

- **Conducted analysis on the reports of IT issues to track daily call trends** and call wait times, which were then discussed in daily and weekly meetings to stakeholders.
- Proposed **Client Process Improvement** plan for reducing call handle time and interacted with cross-functional teams to improve workflows through automation.
- Contributed to a **client satisfaction rate of 95%** by reducing average call handle time and increasing the resolution count of IT incidents.
- Served as SME (**Subject Matter Expert**) and provided training to internal team members.

EDUCATION

Master of Science in Data Science, CGPA: 9.02   November 2022 – July 2024

St Aloysius College of Management and Information Technology   Mangalore, India

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PROJECTS

- **Investment Advisor using Generative AI**: Developed an AI-driven tool to provide investment recommendations using Large Language Model through API Integration.
- **GitHub File Uploader Tool using LLM Agents**: Automated file uploading to GitHub using LLM framework, GitHub API, and Selenium, improving efficiency in managing repositories.
- **Job Salary Estimator using Machine Learning Algorithm**: Developed a machine learning model by implementing Linear Regression algorithm to estimate job salaries based on market data.
- **Resume Score Detection using NLP**: Developed a tool to evaluate resumes using Natural Language Processing techniques and score the resume using Cosine Similarity.

SKILLS

Python **|** R programming **|** SQL **|** Data Analysis **|** Data Visualization **|** Data Science **|** Machine Learning **|** Web Scraping **|** Tableau **|** PowerBI **|** Excel **|** Spreadsheet **|** Streamlit

CERTIFICATES

- **Oracle Cloud Infrastructure Generative AI** Professional Certificate.
- **Google Data Analytics** Professional Certificate.

HONORS & AWARDS

- **Contextual Master award** from TCS for proposing Client Process Improvement.
- **Client Appreciation(x2)** for providing exceptional client support while working with TCS.

EXTRA-CURRICULAR ACTIVITIES

- Ranked in the top 10 out of 500+ participants in a national-level hackathon conducted by EGDK India.
- Recognized as a **top 14 finalist across India** by **Indian Council of Agriculture Research - CPCRI** for innovatively presenting a business idea on "Prediction of Coconut Maturity using Machine Learning and IoT."

RESEARCH PROJECT

- Presented research paper in an **International Conference** held at AIMIT, Mangalore on the project **Automated Resume Scoring System** using NLP and LLM.

LANGUAGES

English | Kannada | Hindi | Tamil | Telugu