JOTHI BATHRA L

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I'm a self-driven data science enthusiast specializing in data analytics. I'm a well-organized team player who is excited to contribute to data-driven solutions by extracting meaningful insights.

EDUCATION

MSC DECISION AND COMPUTING SCIENCES (INTEGRATED)   **Jul 2019 - Present**
Coimbatore Institute of Technology | **CGPA – 9.20**

12th – CBSE   **May 2018 – Mar 2019**
Alpha Wisdom Vidyashram | *Activities : School Pupil Leader* | **Percentage – 83.4**

10th – CBSE   **May 2016 – Mar 2017**
Alpha Wisdom Vidyashram | **GPA – 10**

WORK EXPERIENCE

DATA ANALYST INTERN @ ZF Group / Coimbatore   **Feb 2024 – Present**
- Domain specific chat-bot creation using LLM to answer the root-causes for defects experienced in machineries.
- PowerBI dashboard creations to derive insights from the available data.

BI AND ANALYTICS CONSULTANT @ Thorogood Associates / Bangalore   **Jul 2022 – Dec 2022**
- Performed ETL operations on client data and third-party data. Coordinated with clients weekly and created business report in PowerBI that supported the analysis of profit % shared among customers. Effectively communicated technical concepts to non-technical stakeholders.

DATA ANALYST INTERN @ ChaiSuttaBar / Remote   **Jun 2021 – Jul 2021**
- Performed predictive analysis of the Food & beverage industry, forecasted market growth and scope of global expansion considering the effects of the pandemic. Brainstormed with team members and carried out a SWOT analysis on how to boost sales in the new outlet.

PROJECTS

DIAMOND PRICE ANALYSIS AND PREDICTION – Python, Flask, scikit-learn, HTML, CSS
- Analyzed diamond price data, and developed and deployed a web application to predict diamond prices based on their characteristics using regression models with an R-score of 96% that help new buyers.

BANK CUSTOMER CHURN ANALYSIS PREDICTION – Python, Flask, scikit-learn, HTML, CSS
- A deployed web application that predicts the bank customer churn using machine learning classification model, helping the bank in marketing strategies and to take necessary steps to retain customers.

GESTURE RECOGNITION FOR SMART TELEVISION – Python, Tensorflow
- Developed a gesture recognition system that classifies hand gestures for operating a smart television using deep learning technique Convolutional Neural Network.

AREAS OF INTEREST

- **Data Analytics**   • **Database Management System**   • **Machine Learning**   • **Deep Learning**

SKILLS

Programming Languages/Web: Python, HTML, CSS   **Database:** MySQL, SQL Server, MongoDB
Frameworks/Tools: Flask, NLTK, TensorFlow, Azure   **Visualization/Analytical Tools:** PowerBI, MS Excel

Soft Skills: Creativity, Communication, Time Management, Collaborative player, Attention to detail, Adaptability and Flexibility.

RESPONSIBILITIES AND ACCOMPLISHMEN

- Secretary, Datalytics Club of CIT (2021 - 2022)
- Student Coordinator, Melinia-2023 (Techfest by Department of Computing)
- **TALEN-DI-SAADE Hackathon - 2nd prize** | *Conducted by SRM Valliammai College of Engg, Chennai*
- **Analyze 2.0 Analytical Aptitude Quiz - 1st Rank** | *Conducted by UNITUS community*