PROFILE FOR DATA ANALYST
KRISH GOYAL

📍 Bengaluru, Karnataka

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OVERVIEW

- A passionate and dedicated coder with a proven track record of excelling in tackling complex challenges with precision and innovation.
- Known for curating and implementing innovative ideas that drive efficient project execution and ensure optimal outcomes.
- Committed to continuous learning and strict adherence to industry standards to guarantee the highest level of quality in all endeavors.
- With an unwavering commitment to excellence, eager to contribute skills and expertise to a dynamic team, propelling towards collective success.

SKILLS SUMMARY

Programming Languages: Python (Intermediate), SQL (Intermediate), JavaScript (Beginner)
Frameworks: Django/Python, Flask
Development Tools: Git, GitHub, Bootstrap, Docker
Databases: MySQL, PostgreSQL, MongoDB, Firebase, Microsoft SQL Server
Technical Skills: Machine Learning (Scikit-learn, TensorFlow), Data Analysis (Pandas, NumPy), Quantitative Analysis, Natural Language Processing (NLP), Deep Learning, Azure (App Service, Language Studio, ML Studio), Microsoft Power BI, Ansible AWX, Data Mining
Soft Skills: Strategic Planning, Project Coordination, Communication Proficiency, Task Prioritization, Proficient in Technology Utilization, Data-driven Decision Making
Interests: Frontend Development, Backend Development, Exploring AI Libraries & Frameworks

WORK EXPERIENCE

URSC/ISRO   **Jan 2024 - Present**
Trainee Engineer   Bengaluru, Karnataka

- o Spearheaded the optimization of a bespoke Python script, facilitating automated scheduled dashboard updates for critical job tasks. This initiative led to a remarkable 50% reduction in manual effort, translating into a substantial time-saving of over 20 hours per week.

- o Acquired invaluable expertise in Ubuntu systems and refined proficiency in error handling through the command line. This immersive, hands-on experience fortified my ability to swiftly troubleshoot and resolve issues, significantly enhancing my prowess as a versatile coder.

Microsoft Future Ready Talent   **Jul 2023 – Sep 2023**
Application Developer Intern   Work from Home

- o Researched Diabetes datasets, developed predictive models with sklearn, and deployed via Flask Server on Azure App Service.

- o Integrated Azure Health Bot for professional patient consultation and accurate score prediction, reducing medical response time by 40%. This streamlined process enhanced production efficiency and healthcare outcomes.

Edunet Foundation under IBM SkillsBuild   **Jun 2023 – Jul 2023**

Data Analyst Intern   Work from Home

- o Utilized advanced techniques and algorithms, integrating the Plotly library, to analyze and scale Superstore Sales data.
- o Employed Power BI for comprehensive visualization, enabling detailed analysis of profit and sales trends. This optimization strategy decisively increased production efficiency, resulting in a 20% boost in company profits.

PROJECT EXPERIENCE{Internal}

Webscrape.io ⟳   **December 2023**

- o Executed a project focused on scraping news from various websites and classifying them using predefined categories provided by the respective websites.
- o Utilized NLP models for accurate text classification of news articles. Notably, Hindustan Times was among the websites utilized for web scraping during this project.

Hackverse-23 – Howards Student Performance ⟳   **December 2023**

- o Led a project submission for the final round of Hackverse-23, hosted by Christ Infotech.
- o Developed and deployed a machine learning model via Flask framework to assess student performance based on various attributes such as family size, alcohol consumption, study timings, and failures.
- o Utilized a dataset with 33 variables representing educational quality. Recognized with a prize for our project during the hackathon.

Diabetes Prediction WebApp ⟳   **Jul 2023 – Sep 2023**

- o The project focused on diabetes prediction using the Kaggle dataset.
- o Coordinated deployment through Azure WebApp service and conducted extensive data analysis.
- o Facilitated health insights extraction via interaction with Azure Health Chatbot, delivering personalized medical guidance.

Travel Tech ⟳   **Jun 2023 – Aug 2023**

- o Directed a project aimed at facilitating tourist package bookings via our website.
- o Enhanced user experience with tailored recommendations delivered through an interactive chatbot interface.

Store Sales Analysis ⟳   **Jun 2023 – Aug 2023**

- o Utilized an array of visualization techniques on the dataset, incorporating libraries such as Plotly.
- o Employed Power BI to meticulously scrutinize profit and sales data, discerning customer sales trends.
- o The derived insights aim to optimize the supermarket's procurement strategies.

Object Color Detection ⟳   **Feb 2023 – May 2023**

- o This project harnesses sophisticated image processing methodologies, utilizing pre-trained YOLO-v3 weights and image libraries to discern the liquid color within opaque white bottles.
- o Multiple neural networks were meticulously trained to augment performance and rigorously assess accuracy scores for refinement.

EDUCATION

Christ (Deemed to be University)   **Bengaluru, Karnataka**

BSc. in Data Science (Ongoing)   Graduation Date: May 2024

- o **Awards:** Won the Second Prize at Ignition'22 and won the consolation prize in Hackverse'23, a 24-hour Hackathon.
- o **Leadership:**
  - o **Google Developer Student Clubs**
    Club Head   Jul 2023 – Present
    - Founder of the first-ever technical club connecting the university campus globally with other colleges and Google Technologies.
    - I spearheaded GitHub workshops tailored for students within the data science department.

  - o **Data Science Association**
    Committee Member   Sep 2022 – Dec 2022
    - Hosted the games event at Departmental Fest Festivista'23.
    Coding Club – President   Jan 2023 – Jun 2023
    - Organizing Inter-Departmental Fests and Club Activities
    - Facilitating brainstorming sessions to assist students in generating innovative concepts for coding projects

City Montessori School   **Lucknow, Uttar Pradesh**
XII   Graduation Date: May 2021