

## PROFILE FOR DATA ANALYST

# KRISH GOYAL

📍 Bengaluru, Karnataka



✉ [goyal.krish0522@gmail.com](mailto:goyal.krish0522@gmail.com) 📞 9936535554 [in gk321](https://www.linkedin.com/in/gk321) [G Krishnaa-tech](https://github.com/Krishnaa-tech)

## 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, Linux

**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, Microsoft Excel, Ansible AWX, Data Mining, GET & POST APIs, Web Scrapping (requests, beautiful soup, selenium)

**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 (Palm API, Gemini API, ChatGPT API), Computer Science related skills

## INTERSHIP EXPERIENCE

### INTERSECTIQ

*Intern - Data Science & Software Engineering*

**Jan 2024 – Ongoing**

**Bengaluru, Karnataka**

- Led the development of computer vision projects leveraging YOLOv8 and YOLOv5 frameworks for precise object segmentation and detection. Key achievements include the successful detection of individuals standing on trucks and the implementation of anomaly detection algorithms using mathematical logic.
- Spearheaded a project focused on optimizing camera systems for metal spark detection, resulting in a notable 70% reduction in alerts while maintaining an accuracy rate of 95% and above. These initiatives showcased the effectiveness of our models, enhancing operational efficiency and saving valuable time.

### Tech Mahindra

*Trainee Support*

**Mar 2024 – Ongoing**

**Bengaluru, Karnataka**

- Spearheaded the development of a full-stack application using React JS and the Django framework in Python. This application aimed to automate the resume screening process for HR by leveraging the ChatGPT API to rank resumes based on authenticity of relevant keyword matching.

- Successfully implemented the automated resume screening system, resulting in a remarkable 50% improvement in company operations. This initiative significantly reduced manual effort for HR personnel, streamlining candidate evaluations and enhancing workflow efficiency.

## URSC/ISRO

Jan 2024 – Feb 2024

*Trainee Engineer*

Bengaluru, Karnataka

- 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.
- 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.

## PROJECT EXPERIENCE{Internal}

### Webscrape.io

December 2023

- Executed a project focused on scraping news from various websites and classifying them using predefined categories provided by the respective websites.
- 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

- Led a project submission for the final round of Hackverse-23, hosted by Christ Infotech.
- 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.
- 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

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

### Travel Tech

Jun 2023 – Aug 2023

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

### Store Sales Analysis

Jun 2023 – Aug 2023

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

### Object Color Detection

Feb 2023 – May 2023

- 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.
- Multiple neural networks were meticulously trained to augment performance and rigorously assess accuracy scores for refinement.

EDUCATION

|   |  |
|---|--|
| <b>Christ (Deemed to be University)</b><br><i>BSc. in Data Science (Ongoing)</i>  | <b>Bengaluru, Karnataka</b><br>Graduation Date: May 2024   |
| <ul style="list-style-type: none"><li>○ <b>Awards:</b> Won the Second Prize at Ignition'22 and won the consolation prize in Hackverse'24, a 24-hour Hackathon.</li><li>○ <b>Leadership:</b><ul style="list-style-type: none"><li>○ <b>Google Developer Student Clubs</b><br/><i>Club Head</i> Jul 2023 – Present<ul style="list-style-type: none"><li>• Founder of the first-ever technical club connecting the university campus globally with other colleges and Google Technologies.</li><li>• I spearheaded GitHub workshops tailored for students within the data science department.</li></ul></li><li>○ <b>Data Science Association</b><br/><i>Committee Member</i> Sep 2022 – Dec 2022<ul style="list-style-type: none"><li>• Hosted the games event at Departmental Fest Festivista'23.</li></ul></li><li>○ <i>Coding Club – President</i> Jan 2023 – Jun 2023<ul style="list-style-type: none"><li>• Organizing Inter-Departmental Fests and Club Activities</li><li>• Facilitating brainstorming sessions to assist students in generating innovative concepts for coding projects</li></ul></li></ul></li></ul> |  |
| <b>City Montessori School</b><br><i>XII</i>   | <b>Lucknow, Uttar Pradesh</b><br>Graduation Date: May 2021 |