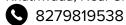
# RAGHAV GOEL

Khatriwada, Near Shagun Marriage Home | Sikandrabad, Dist. - Bulandshahr, UP, 203205



raghavgoel168@gmail.com

in www.linkedin.com/in/raghavgoel29/

https://raghavgoel168.github.io/MyPortfolio/

## PROFESSIONAL SUMMARY

Aspiring Data Analyst & Machine Learning Engineer with expertise in Al-driven solutions for healthcare and business analytics. Experienced in Python, SQL, and ML algorithms, with a strong foundation in data-driven decision-making. Passionate about bridging the gap between Al and real-world applications through research, hackathons, and handson projects.

## **TECHNICAL SKILLS**

- Languages: Python, C++, Java, SQL, JavaScript, HTML, CSS
- Databases: MySQL, MongoDB, Firebase
- Tools/Frameworks: Power BI, Git & GitHub, Flask, Figma, Excel, NLTK, Pandas, NumPy, Scikit-Learn
- Technologies: Data Analysis, Machine Learning, Computer Vision, Flutter, NLP, Web Scraping, UI/UX Design

## PROJECTS AND EXPERIENCE

# NutriPlant - Plant Disease Detection App (Flutter) (GitHub: https://github.com/raghavgoel168/NutriPlant)

- Developed a Flutter app for plant disease detection, achieving 96.6% training accuracy using CNNs.
- Integrated camera functionality for real-time disease analysis and detection.
- Trained on 87K RGB crop leaf images across 38 classes.

## **EDUAI: Enhancing Personalized Learning through AI**

- Built an Al-based learning platform with a smart tutor for streamlined learning and concept explanation.
- Programmed 3 ML models to intelligently recommend content based on user preferences and selections.

## Power BI Project on Zomato's Data

- Created a Power BI dashboard to visualize restaurant ratings, pricing, and location trends using data from 9,500+ restaurants.
- Used Power Query and DAX for data cleaning, transformation, and generating insights.

## Contributor, GirlsScript Summer of Code

[May, 2024] - [August, 2024]

- Contributed to the "Hedging-of-Financial-Derivatives" project,
- Worked on Netflix stock prediction using a regression algorithm.

# KAAYACLIQUE: Al-Powered Skincare Platform (GitHub: <a href="https://github.com/raghavgoel168/KaayaClique">https://github.com/raghavgoel168/KaayaClique</a>)

- Implemented an Al-powered skincare recommendation platform for personalized skincare routines.
- Contributions: Designed Flask App, and trained ML models for personalized recommendations.

## Heart Disease Prediction: 89% Accuracy (GitHub: https://github.com/raghavgoel168/Heart\_Disease\_Prediction)

• Optimized a heart disease prediction model using multiple Machine Learning algorithms achieving 89% accuracy on a 270-patient dataset.

## **HACKATHONS**

#### **SMART BU Hackathon 2024**

[September, 2024]

Secured 54th place out of ~400 teams for SMART INDIA HACKATHON 2024

# PRASUNETHON Hackathon 2024

[June, 2024]

Contributed 48 hours to innovative ideas and crafted an Al-based personalized learning app with an integrated Al tutor.
 EY Techathon 4.0

[November, 2023]

• Led integration of domain knowledge and deployment of AI models in revolutionizing agricultural lending.

## RESEARCH AND PUBLICATIONS

## Computational Intelligence Approaches for Heart Disease Prediction: A Comparative Evaluation

- Co-authored research on various ML algorithms for heart disease prediction, analyzing their performance.
- Enhanced prediction consistency using ensemble techniques; published in a reputed journal.
- Published in Biomedical & Pharmacology Journal, December 2024.
- DOI: https://dx.doi.org/10.13005/bpj/3031

EDUCATION	
B.TECH (CSE)	[2022-2026]
BENNETT UNIVERSITY, GREATER NOIDA	
CGPA: 8.95	
Class XII	[2022]

R.K. Educational School, SIKANDRABAD, UP Percentage: 93.2%

Class X [2020]

R.K. Educational School, SIKANDRABAD, UP Percentage: 94%

# **CERTIFICATIONS**

**Networking Essentials** 

Cisco Networking Academy, [July, 2024]

**Investment Banking Job Simulation** 

J.P. Morgan, [May, 2024]

**IBM Machine Learning** 

Coursera, [February, 2024]

**Google Data Analytics** 

Coursera, [October, 2023]

Comprises 8 courses