

# RAGHAV GOEL

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

## TECHNICAL SKILLS

**Languages and Databases:** Python, C++, SQL, MySQL, MongoDB, Firebase

**Tools:** Power BI, Git & GitHub, Flask, Excel, Figma

**Other Skills:** Machine Learning, UI/UX Designing, Flutter, NLP, Web Scraping, Business Analysis, Data Analysis

## PROJECTS AND EXPERIENCE

**NutriPlant – Plant Disease Detection App (Flutter)** (GitHub: <https://github.com/raghavgoel168/NutriPlant>)

- Developed Flutter app to capture leaf images and recommend plant diseases.
- Integrated camera functionality for real-time disease analysis.
- Used CNN for accurate disease prediction.

**EDUAL: Enhancing Personalized Learning through AI**

- Developed a Personalized AI-based learning platform for streamlined smart learning, integrating an AI tutor to facilitate comprehensive question-solving and concept explanation.
- Created 3 machine learning models to recommend learning content according to users' choices and selected materials.
- Tech Used: SVD, Machine Learning, Recommender Systems

**Power BI Project on Zomato's Data**

- Created a Power BI dashboard to visualize restaurant ratings, pricing, and location trends.
- 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: AI-Powered Skincare Platform** (GitHub: <https://github.com/raghavgoel168/KaayaClique>)

- Developed an AI-powered skincare recommendation platform for personalized skincare routines.
- Tech Used: HTML, CSS, JS, Python, Flask, MongoDB, ML (RandomForestClassifier)
- Contributions: Built Flask App, and trained ML models for personalized recommendations.

**Heart Disease Prediction: 89% Accuracy** (GitHub: [https://github.com/raghavgoel168/Heart\\_Disease\\_Prediction](https://github.com/raghavgoel168/Heart_Disease_Prediction))

- Developed a heart disease prediction model utilizing a diverse range of machine learning algorithms, including Logistic Regression, Decision Trees, Random Forest, SVM, KNN, Naïve Bayes, ANN, and RNN with 89% accuracy.

## HACKATHONS

**SMART BU Hackathon 2024**

[September, 2024]

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

**PRASUNETON Hackathon 2024**

[June, 2024]

- Contributed 48 hours to innovative ideas and created an AI-based personalized learning app with an integrated AI tutor.

**EY Techathon 4.0**

[November, 2023]

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

**Void Hacks 5.0**

[November, 2023]

- Developed an Online EVM Platform using Blockchain technology, showcasing blockchain's potential in redefining voting systems.

## RESEARCH AND PUBLICATIONS

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

- Co-authored with a college professor, collaborating on exploring various machine learning algorithms for heart disease prediction.
- Demonstrated learning agility by gaining insights into new methodologies and approaches during the research journey.

## 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

**HOBBIES** - READING | TRAVELING | DRAWING | FITNESS & SPORTS (e.g., BADMINTON)