RAGHAV GOEL

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

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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.

EDUAI: 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)*
- 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

PRASUNETHON 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)