# Raghuvendra Kumar

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## Education

**VIT Bhopal University** — Bhopal, MP
BTech Computer Science (AI/ML) *GPA: 7.51* — Sep 2023 - May 2027

**DAV Public School (Cantt.)** — Gaya, Bihar
AISSCE PCM *GPA: 6.92* — Apr 2021 - May 2023

## Work Experience

**College Fest Committee** — Bhopal, MP
*Volunteer* — Jan 2024 - Mar 2024

- Coordinated event promotion across campus, increasing participation by 30%.
- Managed registration of 200+ attendees.
- Assisted with logistics, setup, and event execution, ensuring activities ran smoothly.

## Skills

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| Programming Languages: | Java, C++, Python |
| Technologies & Frameworks: | ML, Deep Learning, PyTorch, Pandas, Matplotlib, Scikit-Learn, NumPy |
| Tools: | GitHub, FastAPI, LangChain, HuggingFace, Git, AWS |
| Concepts: | GenAI, RAG, Prompt Engineering, LLMs, Vector DB |

## Projects

**Heart Disease Prediction using ML** *Python, Pandas, Scikit-Learn, NumPy, Jupyter Notebook*
https://github.com/raghuvendra34/Heart-disease-prediction-model
Developed a machine learning model to predict the presence of heart disease from clinical patient data, leveraging the Cleveland Heart Disease dataset. This project involved a comprehensive data science workflow, including exploratory data analysis, feature engineering, and model training and evaluation.

**Bulldozer Price Prediction using ML** *Python, Scikit-Learn, Pandas, NumPy, Jupyter Notebook*
https://github.com/raghuvendra34/Bulldozer-price-prediction-model
Developed a comprehensive machine learning model to accurately predict the auction sale price of bulldozers. The project involved a full data science pipeline, from exploratory data analysis to model optimization, to solve a real-world regression problem using a Kaggle dataset.

**Cattle Health Monitoring System** *Artificial Intelligence, Internet of Things (IoT), Arduino, C*
http://bit.ly/46ekvjG
Designed and developed a scalable, cost-effective system for real-time cattle health monitoring by integrating Internet of Things (IoT) sensors and Artificial Intelligence (AI) algorithms. This research addresses the limitations of conventional livestock management by providing a robust solution for early disease detection and improved animal welfare.

## Certifications and Awards

**Artificial Intelligence** — Infosys Springboard, 2025

**Machine Learning** — Infosys Springboard, 2025

**Generative AI** — Infosys Springboard, 2025

**Logistics Regression in Python** — Infosys Springboard, 2025

**Introduction to R** — Infosys Springboard, 2025

**Health Hackathon** — John Hopkins University and VIT Bhopal, Feb 2025

**SecVIT'24** — Null Chapter VIT Bhopal, July 2024