

## **GARIMA VIPAT**

A 34/15, Mahananda Nagar, Ujjain, Madhya Pradesh, India - 456010 | +91-9301402328 | garimasgvipat@gmail.com

### **Summary**

A passionate and dedicated software engineer specialising in Machine Learning and Artificial Intelligence. Proficient in Python, DBMS, and model training with proven experience in project leadership. Skilled in working on LLM, predictive models, and complex data-driven algorithms. Looking to apply my expertise in a dynamic, innovative environment.

### **Skills**

- Programming: Python, Machine Learning
- Libraries & Frameworks: Numpy, Pandas, Matplotlib, PyTorch
- Tools: Pycharm, Jupyter Notebook, Vertex AI
- Web Development: HTML, CSS, JavaScript
- Platforms: Linux, Windows
- Database: Oracle, DBMS , Power BI

### **Experience**

#### ***Green Rider Technology — Software Engineer (Team Lead and Project Expert)*** ***Feb 2024 – Present, Ujjain***

- Developed and optimised 10+ language models, improving natural language processing accuracy by 20%.
- Collaborated with 4 cross-functional teams to design, implement, and evaluate advanced algorithms, enhancing model accuracy by 15%.
- Created 50+ high-quality prompts and fine-tuned large language models, reducing response latency by 10%.
- Led the “Code V Code” project, working as a team lead and client-side reviewer.
- Developed ML models for Indian Crop Price Prediction using time-series data.
- Handled various projects including Dolphin, Flamingo, and Bulba involving prompt engineering and AI model evaluation.

#### ***Ypsilon IT Solutions — Software Intern*** ***Jul 2021 – Aug 2021, Remote***

- Created Blood Bank software using Python and DBMS.

#### ***Quantic Cloud Technologies — Machine Learning Engineer*** ***Jun 2020 – Jul 2020, Indore***

- Developed and deployed ML models using Google Vertex AI and TensorFlow.

## Projects

- Machine Learning Capstone Project
  - Deployed models like KNN, Decision Tree, and Baye's Theorem for dataset predictions.
  - Tools: Python, Jupyter Notebook
- Number Plate Recognition
  - Built a machine learning model to recognize vehicle number plates using Python and image processing techniques.
  - Tools: Python, Vertex AI
- Credit Card Fraud Detection
  - Applied machine learning algorithms to predict fraudulent transactions using Kaggle datasets.
  - Tools: Python, Jupyter Notebook

## Education

- Medi-Caps University, Indore  
B.Tech in CSE - Artificial Intelligence (CGPA: 9.34/10)  
2020 – 2024

- St. Mary's Convent School, Ujjain  
12th CBSE (Percentage: 88.88%)  
2018 – 2020

- St. Paul's Convent School, Ujjain  
10th CBSE (Percentage: 91%)  
2016 – 2018

## Certifications

- AWS Academy Cloud Foundations
- AWS Academy Cloud Architecting
- Introduction to Cybersecurity (CISCO)
- Machine Learning from Basics to Advanced (Udemy)

## Achievements & Activities

- Second Position in Science Olympiad (12th standard)
- Man of the Match in Basketball Tournament
- Represented St. Mary's Convent in Model United Nations (2018)
- Best leader Award in 8th standard.