

G V PRANAV SHARMA

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Machine Learning and Full-Stack Developer with hands-on experience building ML models, backend systems, and data-driven applications. Strong foundation in Python, ML algorithms, and web technologies with proven performance in hackathons and academic projects.

KEY ACHIEVEMENTS

- Winner of the 2024 Next Wave Hackathon
- Silver Medalist in the esteemed NPTEL Deep Learning(2025)
- Exam LeetCode Badge Holder
- Graphic Designer for the VITBMUN Club

PROJECTS

- **Image Recognition for Traffic Signs (Python | CNN | PyTorch)**
 - Built a Convolutional Neural Network for traffic sign classification using the GTSRB dataset (43 classes, 50k+ images). Achieved 98% test accuracy, outperforming baseline models
- **Product Recommendation System for E-commerce website (HTML | CSS | JS | Python | Flask)**
 - Boosted user engagement and sales by creating a machine learning product recommendation system that delivered personalized suggestions.
- **FinSage (Python | NLP | LLM APIs | Flask)**
 - A web platform that leverages LLMs and financial models to summarize government budgets and provide personalized financial guidance (tax slabs, asset allocation, and savings strategies) for enhanced financial inclusion.

PROFESSIONAL EXPERIENCE

Digital Marketing & Web Intern, DreamSoft4uPvt. Ltd.

Nov 2023 - Feb 2024

- Specialized in website content development and social media management
- Handled content posting and schema codes for healthcare website(Kayawell).

EDUCATIONS

VIT Bhopal University

Aug 2023 – May 2027

B.Tech in Computer Science Specialization in E-commerce and technology

Kendriya Vidyalaya NO.2 Jalahalli East, Bengaluru

May 2023

Class XII

Technical Skills

- Programming: C++, Python, JavaScript, SQL
- Machine Learning: Scikit-learn, PyTorch, CNNs, NLP, Recommendation Systems
- Backend & Web: Node.js, Express.js, MongoDB, REST APIs, Flask
- Data & Tools: Pandas, NumPy, Git, Jupyter Notebook
- Other: Problem Solving, Data Structures, Model Evaluation

CERTIFICATIONS

Machine Learning Deeplearning.AI	Deep Learning NPTEL	Web Development FreeCodeCamp	Python Programming HackerRank	Google Analytics Google
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