VAIBHAV BHARGAVA

TECH ENTHUSIAST | AI/ML EXPLORER | B.TECH CSE(AIML)

CONTACT

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EDUCATION

🎓 Bachelor of Technology
(Present)
DPG Institute of Technology &
Management, Gurugram
Affiliated to MDU – B.Tech in CSE (AI
& ML Specialization)
Expected Graduation: 2026

🏫 Higher Secondary (Class XII)
(2021 – 2022)
Holy Heaven Public School, Uttar
Pradesh
Central Board of Secondary Education
(CBSE)
Percentage: 84%

🏫 Secondary (Class X)
(2020 – 2021)
Holy Heaven Public School, Uttar
Pradesh
Central Board of Secondary Education
(CBSE)
Percentage: 89%

PROFILE

Final year Computer Science and Engineering student with a specialization in AI & ML, passionate about developing intelligent systems and solving real-world problems with scalable tech solutions. Strong believer in clean architecture, continuous learning, and building meaningful digital experiences.

EXPERIENCE (INTERNSHIPS)

- CLOUD COMPUTING INTERN
  AISECT Learn (AISECT-approved Internship)
  Online | June 2025 – Present

Building Android apps using Java with backend integration via Python Flask APIs and Volley. Deploying APIs on Azure App Services with Azure SQL, gaining hands-on experience in full-stack cloud deployment and mobile-backend connectivity.

- WEB DEVELOPMENT INTERN
  Indian Farmers Fertilizer Cooperative Limited (IFFCO)
  On-site | June 2024 – August 2024

Learn to build a full-stack web application from scratch with authentication, CRUD operations, and RESTful API integration using Node.js, and MySQL, with responsive frontend design in Bootstrap. Gained hands-on experience in secure data handling, session management, and API-driven architecture, strengthening skills in backend logic and database design.

- WEB DEVELOPMENT INTERN
  Full Stack development, Lucknow, Uttar Pradesh
  Hybrid | June 2024 – August 2024

Contributed to dynamic website development involving backend integration, database connectivity, and MVC-based architecture. Participated in Agile sprints, managed version control with Git, and assisted with deployment, hosting, and domain configuration.

KEY SKILLS

Programming Language
- Python
- JavaScript
- Java

Web & Backend Development
- React.js
- Node.js
- Express.js
- Django
- Flask
- MySQL
- MongoDB

AIML
- TensorFlow
- Keras
- Scikit-learn
- NLP
- OpenCV
- Transformers

Tools & Platforms
- Git & GitHub
- Postman
- Linux
- VS Code

CERTIFICATION

- Hackindia 2024 & 2025 - web3 hackathon participation
- Certificate of Participation In Workshop on Containers And AIML on AWS
- Hands On Workshop In Data Analysis
- Cyber Suraksha Course

PROJECTS

ConnectHub
A social media platform for professionals with real-time chat, smart replies, spam detection, and an AI-powered assistant.
Tech: Flask, Scikit-Learn, NLP, MySQL, WebSockets, REST APIs
🔗 github.com/Vaibhav-2244/social_media_app

Equiterra
Web3 + AI platform to invest in real estate and startups using Ethereum smart contracts and AI-driven risk analysis.
Tech: Django, Solidity, Web3.js, Ethereum, AIML, Blockchain
🔗 github.com/Vaibhav-2244/EquiTerra

Farmer Assistant Chatbot
Multilingual, voice-enabled chatbot for farmers offering plant disease detection via images and real-time crop/weather info.
Tech: Python, OpenCV, ML, Speech Recognition, Agmarknet & Weather APIs
🔗 github.com/Vaibhav-2244/farmers_assistant

Gesture Mouse Control
Controls a virtual mouse using hand gestures for clicking, double-clicking, and screenshots using a webcam.
Tech: Python, OpenCV, MediaPipe, PyAutoGUI
🔗 github.com/Vaibhav-2244/gesture_mouse_control

Colour Detection System
Tracks and detects red, blue, green, yellow, and orange colors in real-time using HSV color space and OpenCV.
Tech: Python, OpenCV
🔗 github.com/Vaibhav-2244/color-detection

JARVIS – Desktop Assistant
Voice-controlled Python assistant that performs tasks like Wikipedia search, opening websites, music playback, and more.
Tech: Python, Speech Recognition, pyttsx3, Wikipedia API
🔗 github.com/Vaibhav-2244/JARVIS