Vansh Agarwal

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LinkedIn • Github • HackerRank • CodeChef • Codeforces • Leetcode • Personal Portfolio

PROFESSIONAL SUMMARY

Dynamic and motivated B.Tech Computer Science fresher with strong skills in Python, OOP, and front-end technologies, complemented by a passion for robotics, web development, and continuous learning.

EDUCATION

Bachelor of Technology (AI ML)   2024 - 2028
Newton School of technology, Ajeenkya dy patil University   Grade: 8.27/10.0

Intermediate (Class XII)   2023 - 2024
Hartmann College(ICSE),Bareilly   Grade: 85.0%

Matriculation (Class X)   2021 - 2022
Hartmann College(ICSE),Bareilly   Grade: 91.0%

EXPERIENCE

Vice-President   January 2025 - Present
IRIS - THE ROBOTICS CLUB , NST-ADYPU   *Pune*

1. Conducted workshops and competitions using robotics simulation tools and Python-based automation, resulting in a 30% rise in member engagement.
2. Organized **RoboSoccer** at the college tech fest **Tekron'25**, attracting widespread participation and fostering hands-on robotics experience.
3. Led the club's team in **RoboSoccer competitions at IITs**, gaining exposure to high-level robotics challenges and competitive problem-solving.

PROJECTS

HotWheels E-Commerce Website, (Github) (Demo)   November 2024

- Designed and developed an engaging, visually striking website to present creative concepts effectively.
- Crafted with HTML and CSS, and deployed via Netlify for reliable and easy access.
- Prioritized intuitive user experiences, refined design aesthetics, and integrated interactive elements for enhanced functionality.

Line Following Robot,   November 2024

- Collaboratively designed and developed a Line Following Robot capable of autonomously navigating along predefined paths.
- Built using microcontroller programming, sensors, and motor control systems.
- Worked as part of a team to ensure precise line detection, smooth navigation, and adaptability to different path conditions for optimal functionality.

Budget Tracker, (Github)   November 2024

- Created a functional and user-friendly Budget Tracker to help users manage their finances effectively.
- Built using Python and compatible with any standard Python interpreter.
- Emphasized an intuitive interface, accurate financial tracking, and interactive features for an enhanced user experience.

Endangered-Species, (Github) (Demo)   October 2024
Collaborated on a team project to build an informative website using HTML, CSS, and basic JavaScript as part of our first-semester project.

Personal Portfolio, (Github) (Demo)   September 2024

- Developed a personal portfolio website as the first project to showcase skills, experiences, and achievements.
- Built using HTML and CSS, deployed on Netlify for seamless access.

- Focused on a clean, responsive design and interactive elements to highlight work and provide a professional online presence.

CERTIFICATIONS

Python, Hacker Rank (Link) April 2025
Python certification
AI For Everyone, DeepLearning.AI (Link) March 2025
Skills gained Deep Learning,Workflow of Data Science projects,AI terminology,Machine Learning,Workflow of Machine Learning projects,AI strategy.
Introduction to Engineering Mechanics, Georgia Institute of Technology (Link) December 2024
This course is an introduction to learning and applying the principles required to solve engineering mechanics problems.

SKILLS

Computer Languages: Java, Python, CSS, HTML
Software Packages: Figma, Excel
Additional Courses: Data Structure
Soft Skills: Teamwork, Creativity, Leadership

EXTRA-CURRICULAR ACTIVITIES

- Participated in multiple hackathons, web development competitions, enhancing problem solving and coding skills.

- Participate in Workshops of robotics etc and won some of the competitions in those