



Vishal Paudel

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EDUCATION

- **Plaksha University, Mohali** B.Tech Computer Science and Artificial Intelligence 2021-25 CGPA: 8.3
- **Vidya School, Gurgaon** 12th — board AISCE CGPA: 8.5
- **Vidya School, Gurgaon** 10th — board AISCE CGPA: 8.9

WORK EXPERIENCE

- Dave AI | Unity Game Engine Trainee** 2022
 - Built mini projects using Unity and Blender. Worked as a trainee.
- Dr. Amrik Sen at Plaksha University | Research Intern Metaverse and Gaming** 2021
 - Built games and simulations teaching higher-math concepts in probability and statistics using Python. Deployed at Plaksha.

PROJECTS

- Demonstration of Emergent Behaviour in Dynamical Systems** 2023
 - Built a software simulation tool in Python using Pygame that demonstrates emergent behaviour.
- Efficient Vertical Axis Wind Turbines | Dr. Shashikant Pawar** 2021
 - Built a prototype of new age vertical axis wind turbines. Produced 8% more power than traditional VAWT setup.
- Moving Prosthetic arm with Brain Signals** 2019
 - Built a prototype BCI prosthetic arm using OpenBCI and Arduino UNO.

SKILLS

- **Programming Languages:** C/C++, Haskell, Julia, Python.
- **Software Tools and Packages:** Matlab, Unity Game Engine, Blender, Linux CLI, Vim
- **Another Skills Category:** Computer Simulations, Chess (State Level), Competitive Programming (Pupil on Codeforces).

POSITIONS OF RESPONSIBILITY

- **Leader of Tod Fod Jod** club at Vidya School, Gurgaon. 2014
- **Leader of Robo Siksha Kendra** at Vidya School, Gurgaon. 2016
- **Mentor at Young Technology Scholars**, Pathways World School Aravali. 2019

AWARDS AND HONORS

- **MENSA India** scored at the 99th percentile on a standardized, supervised IQ test. 2014
- **Best Robot Design** in *FIRST Lego League*, amongst 120 schools in the *North Zone*. 2016
- **Brain Computer Interface** Project demonstration won a cash prize of INR 20,000. 2019
- **Bharti Scholar** Recipient of a scholarship of INR 36 Lakh from Mr. Rakesh Bharti Mittal. 2021
- **Gold Medalist** in the *Plaksha Summer Entrepreneurship Program* led by Rajesh Sawhney. 2022