**Vedant Birewar**

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# Education

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| --- | --- |
| **Yeshwantrao Chavan College of Engineering, Nagpur** | Nagpur, India |
| *Bachelor of Technology in Artificial Intelligence And Data Science: CGPA 8.39* | *Dec.2021 – July.2025* |
| **Shikshan Maharshi Late Jiwatode Junior College, Chandrapur** | Chandrapur, India |
| *HSC Percent 91.33* | *2021* |
| **Vidya Vihar Convent High School and Jr college** | Chandrapur, India |
| *SSC Percent 83.20*  Projects | *2019* |

**Academic-Fit** June-2024 - Present

* Improves resume evaluations and identifies skill gaps using AI, providing personalized feedback and helping institutions manage and analyze data with customizable features

**BhagwadGita AI-LLAMA** January 2025

* BhagwadGita AI-LLAMA is an AI tool that fine-tunes the llama model on the Bhagavad Gita dataset, offering an interactive interface to provide precise interpretations and meanings of quotes from the text.

**Next-Gen Crop Prediction Platform** April 2022

* Built a Next-Gen Crop Prediction Platform using Streamlit to empower farmers with machine learning insights for higher yields, optimized resource use, and sustainable farming

**Developing an Augmentative and Alternative Communication system** August-2021

* Engineered a hardware-software solution integrating ML-powered object classification and audio assistance for the visually impaired using Raspberry Pi 4, Arduino, smart shoes, and mobility jackets.

# Technical Skills

**Languages**: Python, C/C++, SQL, HTML/CSS, R

**Developer Tools**: Git, VS Code, PyCharm, Colab, Jupyter Notebook, Power BI

**Libraries**: Pandas, NumPy, Matplotlib, TensorFlow, Streamlit, Tkinter, Scikit-Learn, Keras

**Database**: MySQL

**Soft Skills**: Leadership, Creativity, Curiosity, Continuous Learning, TeamWork

# Achievements

* Smart India Hackathon 2022 Winner (Hardware Edition): Awarded 1 Lakh Rupees cash prize for developing an innovative hardware solution addressing a real-world problem.
* Cleared Stage-1 of E-Yantra Competition 2023: Advanced in IIT-Bombay’s competition showcasing technical skills.
* CodeChef 2-Star Coder: Achieved 2-star rating (username: vedant2103).

# Certification

* **Udemy**[-Machine Learning A-Z: AI,Python And R + ChatGPT Prize](https://www.udemy.com/certificate/UC-dbd71cb0-8f38-444a-b225-75b846e93525/) [[2024]](https://www.udemy.com/certificate/UC-dbd71cb0-8f38-444a-b225-75b846e93525/)
* **NVIDIA**[-Workshop/FundamentaIs of Deep Learning](https://learn.nvidia.com/certificates?id=a6f8faff988f41a09417c505312a892c)
* [**Smart India Hackathon 2022-**](https://drive.google.com/file/d/1-BBvTugEaggld2S0JlegqHJ3TyNL048x/view)[Hardware Edition](https://drive.google.com/file/d/1-BBvTugEaggld2S0JlegqHJ3TyNL048x/view)