

Aniket Vishwakarma

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Professional Summary

Aspiring IT professional with an undying passion for coding, electronics and innovation. Has extensive expertise in IoT, robotics, data science, and data structures. Demonstrates an ability of seamlessly integrating hardware and software solutions, driven by exceptional adaptability, problem-solving skills, and meticulous attention to detail. Committed to delivering exceptional tasks within progressive and dynamic organizations. Looking forward to the opportunity to showcase my array of skills.

Skills

Technical Skills	Programming, IoT, Machine learning, Circuit, Web dev, DBMS, Data structures, Automation, Computer networks, Embedded system
Programming Languages	Intermediate in Java, Python, C, C++, MySQL Advanced beginner in HTML, CSS, JavaScript, Php
Software / IDE	VS Code, Cisco Packet tracer, KiCad, EasyEDA, Arduino, RaspberryPi, Jupyter Notebook, Git, GitHub, Proteus, Blender, Keil Microvision

Projects

- Assistant_06** — *Python, PySimpleGUI, pytsx3, wolframalpha, wikipedia, github* | [Demo](#) July 2023 — August 2023
- Developed an assistant utilizing APIs to provide prompt and accurate responses to user queries through a GUI text interface. Leveraged APIs for streamlined data retrieval and processing, ensuring efficient and precise information delivery.
- Train_station_indicator** — *C++, Arduino ide, Proteus, github* | [Demo](#) August 2023 — September 2023
- This project showcases a sophisticated emulation of real-time information displays observed in Mumbai's local trains. Delivers critical journey information including the current stop, upcoming stop, and final destination. It exemplifies precision engineering and rapid prototyping prowess.
- LDR sensor circuit** — *PCB Design, Electrical schematic & layout, KiCad* | [Demo](#) January 2024 — February 2024
- A testament to ingenuity, the LDR sensor circuit represents a cost-effective yet high-performance solution for light-sensitive applications at a small scale. It seamlessly integrates SMT and THT components.
 - The resulting circuit ensure seamless production, assembly, and integration into a diverse array of miniature electronics applications.
- TwoWheelsonRent** — *Html, Css, JavaScript, Firebase, vercel, github* | [Demo](#) August 2023 — March 2024
- A sophisticated bicycle rental platform designed to streamline operations and elevate user experience.
 - With meticulously implemented user and admin login functionalities, authentication and data storage, fortified by stringent data validation protocols, it guarantees a secure and seamless rental experience.
 - Continuously evolving through active development.
- Academic Predictor** — *Html, Css, JavaScript, Cloudflare, github* | [Demo](#) May 2024 — June 2024
- Developed an intuitive web-based tool for students and graduates to determine their academic journey.
 - With a responsive and user-friendly interface, it calculates where user was or would be in their academic journey based on their current age, target year, and years spent in kindergarten, while validating inputs for accuracy.

Interests

Physics enthusiast, VFX / Editing,	Amateur astronomy, Automobile design,	Automobile enthusiast, Model building	Developing virtual assistant,
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Achievements

17th Aavishkar Research Convention, 2023
Intermediate Grade Drawing Examination 2017, State level Winner

Education

VPM's RZ SHAH College of Arts, Science and Commerce Bachelor of Science in Information Technology — 7.0 CGPA Wamanrao Muranjan Junior College, Mulund Higher Secondary — 79.17% Dayanand Vedic Vidyalyaya, Mulund Secondary School — 66%	October 2021 — 2024 June 2020 — August 2021 June 2018 — March 2019
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