

# Aniket Vishwakarma

Mumbai, Maharashtra, India

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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

<b>Technical Skills</b>	Programming, Data structure, IoT, Networking, Circuit designing-making, Web developer, Automation, Machine Learning, Electrical & Mechanical works, UI design.
<b>Programming Languages</b>	Intermediate in Java, Python, C, C++, MySQL. Advanced beginner in HTML, CSS, JavaScript, Php.
<b>Software / IDE</b>	VS Code, Cisco Packet tracer, KiCad, EasyEDA, Arduino, Jupyter Notebook, Git, GitHub, Proteus, Blender, Keil Microvision

## Projects

### **Assistant\_06** — *Python, PySimpleGUI, pytsx3, wolframalpha, wikipedia, github* | [Demo](#)

- 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](#)

- 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](#)

- 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](#)

- 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](#)

- 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

17<sup>th</sup> Aavishkar Research Convention, 2023  
Intermediate Grade Drawing Examination 2017, State level

## Education

VPM's RZ SHAH College of Arts, Science and Commerce <b>Bachelor of Science in Information Technology — 7.0 CGPA</b> Wamanrao Muranjan Junior College, Mulund	2021 — 2024
<b>Higher Secondary — 79.17%</b> Dayanand Vedic Vidyalaya, Mulund	2020 — 2021
<b>Secondary School — 66%</b>	2018 — 2019