

PRATHAM MATKAR

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Summary

Transforming complex technical challenges into efficient solutions. Strong analytical skills with a focus on problem-solving. Committed to team and organizational success.

Education

B.E. Artificial Intelligence & Data Science - 8.5 CGPA

Vivekanand Education Society's Institute of Technology

Sept 2023 - June 2026

Diploma Of Engineering in Information Technology - 89.33%

Government Polytechnic Mumbai

Jan 2020 - June 2023

Skills

Programming - Python, C/C++, Java, Lua, Tailwind, JavaScript, React JS, Node JS.

Database - Firebase, MySQL.

Tools - Git/Github, Power BI, BitBucket, MATLAB.

Certification - MATLAB certification for Data Processing & Visualization, Great Learning certificate for Data Science Foundations.

Experience

Web Developer Intern - Rhyno Wheels Private Limited

March 2024 - Present

- Contributed to the development of the company's official site. Helped optimize the site by 15%. Managed the deployments, optimizations, and SEO.
- React JS, AWS, SEO.

R & D Intern - Indrones Solution Private Limited

May 2024 - July 2024

- Crafted solutions for drone operations. Contributed to the development of software and applications. Worked with optimizing streams and reducing latency by about 50%.
- Python, Lua, BitBucket, AWS, HTML, CSS, Node JS.

Web Developer Intern - The Fast Way

Jan 2023 - June 2023

- Developed 2 major projects with various frontend and backend technologies. With a fast development process, I got real hands-on experience.
 - HTML, CSS, React JS, PHP, Firebase, MySQL.
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Projects

Drone Ecosystem Web App

[Link](#)

- One-stop solution for all drone enthusiasts, with a user-friendly interface, seamless authentication, and university & industry collaboration.
- Contributed to front-end development, database management, and website content.
- React JS, Firebase.

AI Chatbot

[Link](#)

- Artificial Intelligence-powered chatbot tailored for particular interests. It can be a heart doctor, an IT engineer, or a maths teacher.
- Developed the UI and terminal versions.
- Python, ChatGPT API.

Dobot Magician

[Link](#)

- A robotic arm that can be controlled using an Arduino Mega microcontroller to perform pick and place tasks based on the object's colors.
 - A pixy cam is used to detect objects in a plane and provide coordinates for those points.
 - Embedded C.
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Responsibilities

Council Member - VESIT - EBSB (Ek Bharat Shreshtha Bharat)

- Multiple roles including Reporter and Public Relations.