

PRATHAM MATKAR

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Skills

Programming – Python, C/C++, Java, Lua, Tailwind, JavaScript, PHP.

Database – Firebase, MySQL.

Frameworks/Tools – React JS, Node JS, 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 – Sept 2024

- Crafted the company's official website from scratch, with the latest tech stack, reducing load times by 15% and improving user engagement up to 3X.
- Performed daily tasks including deployment, site optimization, and SEO.
- **Skills** – React JS, AWS, SEO.

R & D Intern – Indrones Solution Private Limited

May 2024 – July 2024

- Designed and implemented software solutions to enhance drone operations, reducing latency by 50% through streamlining processes.
- Implemented core scripts for faster drone operations saving 90% of actual time.
- Collaborated within an agile environment alongside two teammates on development projects.
- **Skills** – Python, Lua, BitBucket, AWS, HTML, CSS, Node JS.

Frontend Developer Intern – Atican Labs Private Limited

Dec 2023 – Jan 2024

Full Stack Web Developer Intern – The Fast Way

Jan 2023 – June 2023

Projects

Stock Prediction Using Machine Learning Algorithm

[Link](#)

- Developed a predictive AI model for stock prices using historical performance datasets.
- Achieving an 80% accuracy rate and providing actionable insights for investment decisions.
- Optimized data preprocessing and model evaluation for performance enhancement.
- **Skills** – Python, Scikit – learn, Pandas, Numpy, Matplotlib, Plotly.

Drone Ecosystem Web App

[Link](#)

- Developed a comprehensive drone enthusiast platform, engaging nearly 90% of the drone community of my institute.
- Integrated investment and insurance options, attracting partnerships with about 5 institutes and over 15 industries and personal investors.
- **Skills** – React JS, HTML, CSS, JS, Firebase.

Dobot Magician – Robotic Arm for Pick and Place

[Link](#)

Terminal AI Chatbot

[Link](#)

Education

B.E. Artificial Intelligence & Data Science – 8.5 CGPI

Vivekanand Education Society's Institute of Technology

Sept 2023 – June 2026

Diploma Of Engineering in Information Technology – 89.33%

Government Polytechnic Mumbai

Jan 2021 – June 2023

Responsibilities

Jr. Web Editor – VESIT – IEEE (Institute of Electrical and Electronics Engineering)

- Led and organized 5+ workshops on trending technologies like Machine Learning, UI/UX development, and Building own Personal Computers in collaboration with HP.
- Managed the IEEE – VESIT website and reduced maintenance and update times by nearly 50%.