

Pratham Matkar

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EXPERIENCE

RHYNO WHEELS PVT LTD | WEB DEVELOPER INTERN

March 2024 – Sept 2024 | Ahmadabad, IN

- Developed the official company website from scratch using modern tech stack, reducing page load time by 15%.
- Improved user engagement by 3X through performance optimization and UI/UX enhancements.

INDRONES SOLUTION PRIVATE LIMITED | R & D INTERN

May 2024 – July 2024 | Navi Mumbai, IN

- Implemented software solutions to enhance drone operations, reducing latency by 50% through streamlined processes.
- Developed core scripts to accelerate drone functionalities, saving 90% of execution time.
- Collaborated in an agile team environment on development and optimization projects.

ATICAN LABS PVT LTD | FRONTEND DEVELOPER INTERN

Dec 2023 – Jan 2024 | Remote

- Boosted website performance by 2X by implementing optimized frontend solutions using Next.js.
- Translated Figma/UI designs into interactive and responsive web pages & utilized BitBucket for code versioning and reviews.

THE FAST WAY | FULL STACK WEB DEVELOPER INTERN

Jan 2023 – June 2023 | Mumbai, IN

- Contributed to the development of two major projects.
- Implemented PHP and Firebase solutions based on project requirement analysis for dynamic web functionality.
- Worked on integrating backend logic with React JS and Tailwind for responsive web apps.

PROJECT

SOCIETY AUDIT PLATFORM | [Link](#)

Personal Project

- Built a full-stack MERN web platform to manage multiple housing societies and streamline monthly maintenance billing.
- Implemented features for automated bill generation, income-expense tracking, and PDF invoice downloads.
- Integrated email automation to deliver monthly bills directly to society members.

LUNG CANCER DETECTION | [Link](#)

Personal Project

- Developed a CNN-based model on over 400 X-ray images to detect lung cancer with over 90% accuracy.
- Presented the project at IEEE VESIT's Machine Learning Workshop as a hands-on session.

EDUCATION

B.E. ARTIFICIAL INTELLIGENCE & DATA SCIENCE - 8.65 CGPI

SEPT 2023-JUNE 2026

Vivekanand Education Society's Institute of Technology

DIPLOMA OF ENGINEERING IN INFORMATION TECHNOLOGY - 89.33%

JAN 2021 JUNE 2023

Government Polytechnic Mumbai

SKILLS

PROGRAMMING

Python, C/C++, Java, Lua, Tailwind, JavaScript, PHP, R.

DATABASE

Firebase, MySQL, MongoDB.

FRAMEWORKS

React JS, Node JS, Flutter, Express, Dart.

TOOLS

Git/GitHub, Postman, BitBucket, Tableau.

CERTIFICATIONS

MATLAB for Data Processing & Visualization, MATLAB for Machine Learning.

HACKATHONS

REGEN HACKATHON 2025

NIT, Manipur (Top 12 out of 700 Teams)

COHERENCE 25

VCET, Palghar (Top 5 out of 60 Teams)

BREACH BYTES 2.0 (CTF)

DJSCE, Mumbai (Top 9 out of 50 Teams)

SOCIETIES

IEEE VESIT | Sr. Web Editor

July 2024 – April 2026

[Link](#)