Pratham Matkar

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EXPERIENCE

RHYNO WHEELS PVT LTD | Web Developer Intern
March 2024 – Sept 2024 | Ahmedabad, 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.
- Handled daily responsibilities like deployment, site optimization, and SEO tuning.
- Utilized React JS, Tailwind, AWS, and implemented SEO best practices.

INDRONES SOLUTION PRIVATE LIMITED | R & D Intern
May 2024 – July 2024 | Mumbai, IN
- Designed and 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.
- Worked with technologies including Python, Lua, Node.js, and AWS.

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 & worked collaboratively using BitBucket for code versioning and reviews.
- Technologies used: React JS, Next JS, BitBucket.

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.
- Worked with React JS, PHP, Firebase, GitHub, Tailwind.

PROJECT

LUNG CANCER DETECTION | Link
Personal Project
- Developed a CNN-based model to detect lung cancer with over 90% accuracy.
- Trained the model on 400 X-ray images.
- Presented the project at IEEE VESIT's Machine Learning Workshop as a hands-on session.
- Technologies used: Python, TensorFlow, Keras, Pandas, NumPy, Matplotlib.

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 – March 2025
Link