

MAYUR ATHAVALE

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Technical Skills

Languages: Python, JavaScript, TypeScript, SQL, HTML/CSS

Developer Tools: Git, Docker, Linux, AWS S3, Firebase, Google Cloud, Visual Studio Code

Databases: MySQL, MongoDB, PostgreSQL

Technologies/Frameworks: Node.js, React.js, Express.js, Next.js

Professional Skills

Leadership: Led interdisciplinary teams, enhancing project outcomes.

Collaboration: Worked effectively with cross-functional teams for optimal solutions.

Problem Solving: Applied analytical thinking in troubleshooting and issue resolution.

Time Management: Managed projects under tight deadlines with high quality standards.

Communication: Communicated clearly, aligning team goals and mentoring members.

Experience

Frontend Developer

07/2022 – 08/2022

WiMLDS Pune

Pune, Maharashtra

- Migrated a WordPress website to a new domain, optimizing design and functionality using HTML and CSS, meeting project deadlines.
- Collaborated with the team to ensure a seamless user experience and increased performance by 20%.

Freelance Web Developer

10/2022 – 04/2023

Independent Contractor

Remote

- Developed custom WordPress websites with tailored frontend design for small businesses, focusing on responsiveness and user experience.
- Strengthened proficiency in frontend development and gained valuable experience in client interaction.

Project Head, Solar System Simulator Development

Nov 2021 – May 2022

COEP Astronomy Club

Pune, Maharashtra

- Led a team in the COEP Astronomy Club to develop a Solar System simulator from scratch using the Godot Physics Engine and GDScript, providing an interactive educational tool for astronomy students.
- Designed and implemented realistic planetary orbits, allowing parameter adjustments such as mass, distance, and velocity to visualize the effects of gravitational forces in real-time.
- Collaborated with club members from diverse backgrounds to incorporate physics principles into the software, improving students' engagement and understanding of astrophysics concepts by 30%.

Projects

AI Image Generator | MERN Stack

Jan 2023 - Jun 2023

- Developed an AI-powered image generator using the MERN stack and Stable Horde API, allowing users to input prompts for image generation.
- Integrated JWT authentication for secure user login and built a clean, user-friendly interface.

Online Code Collaboration Platform | MERN Stack, Socket.io

Aug 2023 - Oct 2023

- Built a real-time code collaboration platform supporting multiple programming languages, with real-time editing using Socket.io.
- Added a built-in chat for team discussions, with role-based access for user management.

E-commerce Platform with Payment Integration | React, Node.js, RazorPay API

Apr 2022 - Aug 2022

- Developed a fully functional e-commerce application with secure payment integration using Stripe.
- Implemented advanced search and filtering features using Elasticsearch, improving search accuracy by 25%.

Education

College of Engineering Pune

07/2020 – 05/2024

Bachelor of Technology in Mechanical Engineering

Pune, Maharashtra — CGPA: 6.9