Aditya Badve

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EDUCATION

Rajarshi Shahu College of Engineering
BTech in Mechanical Engineering, July 2026
CGPA: 8.49

EXPERIENCE

MERN Stack intern | Codsoft: August 2024 – September 2024

- Created a full stack blogging website from scratch.
- Implemented CRUD operations to create, post, edit and delete the blogs.
- Developed a full stack Project Management website.
- Created a functionality to create, update, delete, search and sort the tasks.
- Created a full frontend and backend with the help of HTML, CSS, JavaScript, node js, and express js.

Web Development intern | Oasis: August 2024 – August 2024

- Developed a dynamic landing page for Get me a job website using HTML and CSS.
- Created a personal portfolio website using HTML and CSS.
- Built a Temperature Converter using HTML, CSS, and JavaScript which seamlessly switches between Celsius, Fahrenheit, and Kelvin.

PROJECTS

Smart Supermarket Solution (Python, Pandas, FPDF)

- Developed a python program to produce discount offer sticker automatically with store's database for more than 5000 different products.
- Implemented python libraries like Pandas, FPDF, PIL to import the sticker template, fill in the required information into it and produce a new pdf file with the information filled in output folder.

Full stack To-do List App (HTML, CSS, JavaScript, Node js, Express js, PostgreSQL)

- Developed a full stack to-do list app.
- Created a functionality to add new tasks, update tasks, edit tasks and delete the tasks.
- Made a database using PostgreSQL to store the tasks.
- Implemented CRUD operations in order to do changes in the database.

Self-balancing vehicle

- Created a self-balancing bike.
- Employed principles of physics and mechanics to create a design that maintains stability through a carefully calculated center of gravity and gyroscopic effects.
- Utilized appropriate materials and structural designs to enhance the bike's durability and performance.

Magnetic suspension

- Developed a magnetic suspension system that utilizes magnetic levitation principles.
- Engineered a design that effectively utilizes magnetic forces to achieve levitation, providing smooth and frictionless movement.

Skills

- Languages: JavaScript, C, Python, HTML, CSS.
- Technologies: React Js, Node Js, Express Js, Next Js, Git, Git hub, SolidWorks, Catia, 3D Experience, AutoCAD, CREO Parametric.