



MAHAK MODI

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Skills

Python | Web Development | MERN Stack | DSA | HTML | CSS3 | JavaScript | MySQL | Data Science | Problem Solving

Work Experience

Esther Analytical Data Systems Pvt Ltd | IT/Software Development Intern

Feb'25 – Apr'25

- Worked on real-world projects in Software Development/Data Science, applying skills in data analysis, visualization, and security to solve practical challenges.
- Collaborated with mentors and teams to enhance technical proficiency, gain hands-on experience, and contribute to innovative solutions aligned with industry standards.

Education

Walchand Institute of Technology, Solapur

2022 - 2026

Bachelor of Technology (B.Tech.) in Information Technology | CGPA: 9.68

Consistently ranked among the top performers of the branch for more than five consecutive semesters.

Global Public School and Junior College, Nashik

2020 – 2022

HSC (Class XII), Aggregate: 77.33%

SNJB's English Medium School, Chandwad

2019 - 2020

SSC (Class X), Aggregate: 93.40%

Projects

E-Learning Platform

A machine learning-based system designed to facilitate learning and analyze student performance using academic data. The platform provides a seamless digital learning experience for students and administrators by integrating interactive study materials, assessments, and personalized performance tracking.

- Developed a web-based e-learning platform enabling students to log in, access study materials, take tests, and track their progress. Administrators can manage study content, monitor student performance, and generate insightful reports.
- Designed and built a dynamic, user-friendly interface using HTML, CSS, JavaScript, and Bootstrap, making navigation smooth and enhancing user engagement.
- Integrated MySQL database to efficiently store and manage student records, academic materials, and test results while ensuring data integrity and scalability.

E-Commerce Platform

A feature-rich e-commerce platform designed to provide an intuitive and seamless online shopping experience. The platform enables customers to explore a wide range of products, view detailed information including price and stock availability, place orders, and track shipments in real time. With a focus on enhancing user engagement and optimizing the purchasing journey, the platform integrates modern technologies for a fast, secure, and scalable experience.

- Developing a responsive and interactive UI using React.js and Next.js, ensuring smooth navigation, real-time updates, and an optimized user experience across multiple devices.
- Implementing a robust backend architecture with Java, Spring Boot, and Node.js, handling business logic, order management, payment processing, and secure authentication.
- Building a scalable and efficient database using MongoDB and MySQL, ensuring fast query responses, proper indexing, and optimized data storage for product listings, user data, and order history.
- Implementing a shopping cart and checkout system with seamless order placement, leveraging Redux for state management and Stripe/PayPal for secure payment processing.
- Enabling real-time order tracking through WebSockets and third-party API integrations, allowing users to monitor their shipments and receive updates instantly.

Academic and Extracurricular Achievements

- Recognized as a top achiever of the branch for more than five consecutive semesters based on academic performance.
- Earned verified certifications from AWS and Infosys Springboard, demonstrating industry-relevant technical knowledge.