

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.