

# HARSHAL MAHAJAN

## Full-Stack Developer

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### SUMMARY

Full Stack Developer with expertise in designing and developing scalable, responsive web applications and end-to-end software solutions. Skilled in React.js, Python, Flask, PHP, JavaScript, HTML, CSS, MySQL, and MongoDB. Experienced in building modern user interfaces, backend applications, RESTful APIs, and database-driven systems. Capable of managing the complete development lifecycle from UI/UX implementation and development to deployment and maintenance, with a strong focus on performance, scalability, and user experience.

### TECHNICAL SKILLS

#### Languages

React.js, Python, REST APIs, Java, C, C++, JavaScript, HTML, CSS, PHP, Responsive Web Design, Cloudflare, Web Deployment & Hosting, Git & GitHub, SEO Optimization.

#### Databases

MySQL, SQL, MongoDB, Firebase

#### Specializations

Full Stack Development, AI Model Development, Data Visualization, API Handling, Web Design, UI/UX, Prompt Engineering.

### PROFESSIONAL EXPERIENCE

#### Full Stack Developer (Intern), Technocal Instrumentations

01/2026 – 06/2026

- Designed, developed, and deployed the company's official website using React.js, building responsive frontend interfaces and integrating backend functionalities.
- Managed the complete development lifecycle, including UI/UX implementation, API integration, testing, deployment, and post-launch maintenance.
- Configured Cloudflare, managed DNS, and successfully hosted the production website, ensuring security, performance, and reliability.
- Delivered and maintained the live company website: [www.technocalinstrumentations.in](https://www.technocalinstrumentations.in) , collaborating with stakeholders to implement business requirements.

Nashik

#### UI/UX Development (Intern), Grott Services

01/2025 – 04/2025

- Led design and development initiatives for industrial-scale applications, enhancing usability and visual impact.
- Collaborated with product teams to design modern, responsive web and mobile interfaces.
- Improved end-user experience using Figma and Canva for interactive design prototypes.

Nashik

#### Web Development & Cybersecurity (Intern), Cyber Sanskar

06/2023 – 07/2023

- Worked on real-world projects at the intersection of web development and cybersecurity.
- Developed and deployed web-based and Android applications for client requirements.
- Gained exposure to ethical hacking, cybersecurity practices, and bug bounty methodologies.
- Successfully launched and maintained the project website: [www.cargalleria.weebly.com](https://www.cargalleria.weebly.com)

Nashik

### PROJECT

#### QR-Based Smart ATM System

- Developed a secure, touch-free ATM solution leveraging QR codes for authentication and transaction safety in PHP. Designed the complete UI and managed the project's database architecture.
- Research published in the International Journal of Advanced Research in Science, Communication & Technology (IJARSCT), Vol. 4, Issue 3, Feb 2024.

#### Pizzeria: Online Pizza Ordering System

- Built a full-stack Python + Flask application with a secure ordering workflow and integrated database.
- Designed Front-end and implemented back-end logic for order management and payment processing.
- Managed a MongoDB database for product listings, user profiles, and order history.

### EDUCATION

#### Bachelor's in Technology - Artificial Intelligence & Machine Learning, Sandip University

Present

Grade: 7.0 CGPA

Nashik

#### Diploma in Information Technology, Mahvir Polytechnic

08/2021 – 06/2024

Grade: 75%

Nashik

#### SSC, Vikhe Patil Memorial School

03/2021

Grade: 65%

Nashik

### CERTIFICATIONS

- Oracle Certified Generative AI Professional - Oracle
- Oracle Certified AI Foundations Associate - Oracle
- Oracle Certified Data Science Professional - Oracle
- Oracle Fusion AI Agent Studio Certified Foundations Associate - Oracle
- Data Visualization with Python - IBM
- Postman API Expert - Postman API
- API Testing, Workflow Automation, Integration

#### Research Publication

- Quick-Cash: A QR-Based Smart ATM | Published in IJARSCT, Vol. 4, Issue 3, Feb 2024