

Harsh Tripathi

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Professional Summary

Frontend-focused Software Developer with experience in React, React Native, and modern web technologies. Skilled in building scalable, responsive applications, reusable components, and API integration. Strong problem-solving skills with a solid foundation in Python.

Experience

Python Developer Intern –Ishan Ceramics Private Limited, Agra

(Oct. 2025 – Mar. 2026)

- Developed and deployed **custom Odoo modules using Python**, automating core business workflows and reducing manual processing efforts
- Engineered **AI-based intelligent agents** to support business decision-making, improving operational efficiency.
- Designed **image processing pipelines** using OpenCV and NumPy for accurate data extraction and validation.
- Integrated Python-based systems with **ERP databases**, ensuring seamless and secure data flow.
- Analyzed business requirements and translated them into **technical automation solutions**, improving productivity.
- Debugged and optimized existing modules, enhancing **system performance and reliability**.

Full Stack Web Developer Intern – Infoseeds, Delhi

(Jun. 2024 – Aug. 2024)

- Improved frontend performance by optimizing components for **responsiveness and cross-browser compatibility**.
- Conducted **UI testing and bug reporting**, ensuring high-quality user experience across applications..
- Validated and tested **REST API integrations**, ensuring correct data communication between frontend and backend.
- Collaborated with development teams to **identify and fix UI/UX issues**, improving usability.
- Assisted in improving overall application quality through **structured testing and debugging practices**.

Projects

Cloud Rasoi (MERN Stack)

- Performed manual and UI testing for vendor and user modules, ensuring responsive and seamless user experience across devices.
- Validated frontend functionality and API integration using Postman, Chrome DevTools, and React.js components.
- Reported and tracked UI bugs while optimizing layouts built with HTML5, CSS3, and Tailwind CSS.

Gmail Clone (React + Firebase)

- Implemented and tested authentication workflows — sign-up, login, and session handling — using JavaScript and React.js.
- Developed and validated responsive UI layouts ensuring smooth cross-browser performance.
- Integrated and verified Firestore database operations for real-time data consistency.

Django StudyBuddy Application

- Developed and tested chat room creation and authentication workflows using Django REST Framework.
- Implemented input validation and error handling to ensure secure and reliable messaging.
- Integrated APIs with frontend clients for real-time communication and smooth user experience.

Technical Skills & Tools

Languages: Python, JavaScript, C

Frontend Technologies: React.js, React-Native , HTML5, CSS3, Tailwind CSS, Bootstrap

Backend Technologies: Node.js, Express.js, RESTful APIs, Django, Flask

Databases: MongoDB, MySQL, PostgreSQL

Other Skills: OOPs Concepts, Bug Reporting, Test Case Design, Debugging, Performance Validation

Education

B.Tech – Information Technology (CGPA: 6.4)

(2021–2025)

Hindustan College of Science and Technology, Mathura

Senior Secondary Education (ISC Board)

(2019–2020)

Ragendra Swarup Public School , Agra