Sandeep Vishnoi

Jaipur, Rajasthan, India

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SKILLS

Python, Software Automation, OpenCV, TypeScript, Node JS, Docker, PostgreSQL, Redis, React, REST API, MongoDB, Firebase, JWT, Flask, AWS, Insomnia, Selenium, Puppeteer, Postman, Kubernetes

WORK EXPERIENCE

Freelance / Inorc Agency   **Jun 2023 - Present**
Full Stack Developer & Project Lead   *Jaipur, Raj*

- Led end-to-end development of web applications for clients across travel, education, fitness, and SaaS domains. Managed deployments, backend integrations, and frontend architecture.
- Built and deployed 10+ full-stack apps using Next.js, Node.js, PostgreSQL, Docker, and Redis
- Designed scalable APIs with Express.js and implemented admin dashboards with authentication"

Subodh / Self-initiated   **Sep 2022 - May 2025**
Software Developer (Open Source)   *Jaipur, Raj*

- Contributed to academic and departmental tools including Subodh Notifier and StudyBits. Focused on solving real-world problems using modern tech stacks.
- Developed Subodh Notifier – a Dockerized automation tool that scrapes college notices and notifies students via WhatsApp
- Created StudyBits – a structured Markdown-based notes platform rendered in a Next.js site

Independent Projects   **Jul 2023 - Present**
Software Developer   *Jaipur, Raj*

- Worked on Automation, object detection, and vision-based tools using OpenCV, building solutions to assist with task automation and productivity.
- Explored AI, web automation, and computer vision through hands-on personal projects aimed at practical productivity and problem-solving.
- Developed automation scripts for various platforms like Instagram, Snapchat, and Spotify using Python and Selenium.

PROJECTS

Subodh Notifier
Lead Developer   *https://notifier.mrsandy.in/*

- Developed an automated system that scrapes notices from Subodh College's website and sends instant updates to students.
- Built using Node.js, Puppeteer, and Cheerio for headless browser scraping and HTML parsing.
- Packaged as a Docker container for easy deployment and server uptime management.

Rapture Tours
Back-End Developer   *https://rapturetours.com/*

- Worked as the sole backend developer on a client project for a real-world travel agency.
- Built a secure and scalable REST API using Node.js, Express.js, PostgreSQL, and Prisma.
- Implemented dynamic content management for trip listings, categories, testimonials, and contact inquiries.

Insta Notes
Lead Developer   *https://github.com/mrsandyy/MusicNotes*

- Reverse engineered Instagram's private Music Note API and automated updates using network traffic analysis tools like Burp Suite
- Integrated Spotify API to fetch the currently playing track and sync it in real-time with the user's Instagram music note.
- Manually replicated requests with proper session tokens and headers, showcasing expertise in automation, auth handling, and API reverse engineering.

EDUCATION

SS Jain Subodh PG (Autonomous) College   **Jul 2022 - Jul 2025**
Bachelor of Computer Application   *GPA: 8.32*

CERTIFICATIONS

Certified Cutie
International Association of Certified Cuties (IACC)