

Anuj Soni

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anuj-soni

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EDUCATION

Indian Institute of Information Technology, Nagpur

Aug 2023 - July 2027 | CGPA: 8.26

B.Tech, Computer Science and Engineering specialization Data Science and Analytics

Nagpur, India

EXPERIENCE

NHPC Limited

May 2025 - Present

Software Development Intern

Faridabad, India

- Designed a GUI-based Server Backup Management System in Python to automate full and incremental backups, featuring department-specific configurations, error handling, and detailed log management. BackupManager
- Developed a standalone Python Script Scheduler with a user-friendly GUI, integrating APScheduler and SQLAlchemy to support timed executions, real-time task tracking, and visual schedule management. Script Scheduler

PERSONAL PROJECTS

Restoran (Restaurant Website) | Live

Designed and developed a food delivery platform to enhance online food ordering

- Built using core web technologies and API integration: 1. HTML, 2. CSS, 3. JavaScript, 4. PHP, and 5. EmailJS API Framework

FixMyRoad (Pothole Detection & Reporting System) | Live

AI-powered platform for detecting and reporting road infrastructure issues

- Developed an AI-powered full-stack platform to detect potholes from user-submitted images and prioritize repairs using ML algorithms and community feedback.
- Integrated a bridge health prediction module and visualized real-time issues on an interactive map for public and administrative access.
- Implemented secure role-based authentication, session management, and issue verification workflows.
- Tech Stack:** Flask, Python, MongoDB Atlas, Roboflow API, OpenCV, scikit-learn, HTML, CSS, JavaScript, Bootstrap, Bcrypt.

SmartAuction (Voice-Based Real-Time Auction System) | Live

An accessible voice-first auction platform for real-time bidding and tracking

- Built a voice-controlled auction system enabling users to place bids, list products, check highest bids, and monitor time left using natural language.
- Designed contextual conversation flows using OmniDimension Voice Agent with Deepgram transcription, webhook, and GPT-4o-mini response generation.
- Tech Stack:** Flask, MongoDB, RESTful APIs, OmniDimension, Deepgram, ElevenLabs, GPT-4o-mini.

TECHNICAL SKILLS AND INTERESTS

Programming Languages:	C, C++, Python, Java, JavaScript
Web Technologies:	HTML, CSS, React, Node.js, Next.js, Flask, Typescript
Database Systems:	MySQL, MongoDB, PostgreSQL
Data Science & ML:	Pandas, NumPy, Scikit-learn, TensorFlow
Tools:	Excel, PowerBI, Tableau, Git, Postman, Jupyter Notebook
Others:	DSA, OOPS, OS
Soft Skills:	Problem Solving, Team Management, Communication

POSITIONS OF RESPONSIBILITY

Corporate Lead, E-Summit 25

2024

- Secured sponsorships and organized sessions with industry leaders.
- Certificate of Responsibility - E-Summit 25

ACHIEVEMENTS

Coding Profiles

Ongoing

- GeeksforGeeks LeetCode CodeChef

Finalist (Top 6), Genathon 2.0 IIIT Nagpur Hackathon

2024

- Developed Infographix, a call data analytics platform using PostgreSQL and MERN stack to generate insights on employee performance and customer feedback.

Finalist (Top 10), Hack It Out 24 IIT BHU Hackathon

2024

- Built Jam Buster, a real-time traffic management system using Map APIs and a PHP backend to optimize urban traffic flow.