

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 in Data Science and Analytics

Nagpur, India



EXPERIENCE

NHPC Limited

May 2025 - June 2025

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) | GitHub | Live

Engineered a food delivery application to enhance online food ordering

- Produced using core web technologies and API integration.
- Tech Stack:** (1) HTML, (2) CSS, (3) JavaScript, (4) PHP, (5) EmailJS API Framework

FixMyRoad (Pothole Detection & Reporting System) | GitHub | Live

AI-powered solution for detecting and reporting road infrastructure issues

- Coded an AI-powered full-stack service 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:** (1) Flask, (2) Python, (3) MongoDB Atlas, (4) Roboflow API, (5) OpenCV, (6) scikit-learn, (7) HTML, (8) CSS, (9) JavaScript, (10) Bootstrap, (11) Bcrypt

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

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

- Implemented a voice-controlled auction system enabling users to place bids, list products, check highest bids, and monitor time left using natural language.
- Crafted contextual conversation flows using OmniDimension Voice Agent with Deepgram transcription, webhook, and GPT-4o-mini response generation.
- Tech Stack:** (1) Flask, (2) MongoDB, (3) RESTful APIs, (4) OmniDimension, (5) Gemini-2.5-flash, (6) React (7) TypeScript


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, Power BI, Tableau, Git, Postman, Jupyter Notebook
Others:	DSA, OS, OOP (Object-Oriented Programming)
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 product 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.