ANSH TRIPATHI

CSE ENGINEER

CONTACT

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EDUCATION

2023 - 2027

S.B JAIN INSTITUTE OF TECHNOLOGY , NAGPUR
B.TECH IN CSE WITH HONOUR IN DATA SCIENCE AND MINOR IN IOT

- Sem -4 (CGPA - 9.22)
- Sem -3 (CGPA - 9.20)
- Sem -2 (CGPA - 9.02)
- Sem -1 (CGPA - 9.05)

2021 - 2023
GH RAISONI VIDYA NIKETAN, NAGPUR
- 11th & 12th (CBSE) - 74%

2021
SANDIPANI ,NAGPUR
- 10th (CBSE) - 89%

SKILLS

- **Language : C , Java(Object-Oriented programming), R programming, HTML, CSS, Javascript, Python, Kotlin(beginner)**
- **Frameworks & Tools : Flask , Django, OpenCV, Git & Github**
- **Databases - MongoDB Atlas, Firebase**
- **Core - Data structure and algorithm , SQL/MySQL**
- **IOT - Arduino, NodeMcu, Raspberry Pi**

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- German (Basics)
- Japanese (Intermediate , duolingo score 14)

PROFILE

Undergraduate B.Tech in CSE student with Honour in Data Science and Minor in IOT, skilled in web development, AI and automation-based systems. Enthusiastic learner with hands-on experience in IOT base projects.

PROJECTS

Smart Face Access system (Group of two)
AI + IoT Based Authorization System
- Developed a mobile based face recognition system using Python, OpenCV and Flask.
- Integrated Google form for task management and MongoDB for database
- WhatsApp API for notifications and NodeMcu for gate access control

Car Dealership website (Individual)
Front end + Django form handling
- Built using Django + Bootstrap with multiple pages & vehicle listings
- Login/Signup authentication through Django admin, Django forms

Bus Pass Management system (Individual)
MySQL Backend + Flask
- Booking and record management with cost, expiry and renew
- Handles registration and detail of the pass in the database

Image Compression (Individual)
concept of Opencv, Tkinter and scikit
- Implemented an image compression tool using Run Length Encoding for lossless storage
- Reducing pixel redundancy while preserving image structure

CERTIFICATION

Nptel -
- **Enhancing Soft Skills and Personality**
- **Data Science for Engineers**
- **Programming, Data Structure and Algorithm using Python**
- **Learning Analytics Tools**
- **Computer Vision**

Eduskill online internship -
- **Google Android Developer Virtual Internship**
- **AWS Cloud Virtual Internship**
- **ALTAIR Data Science Master Virtual Internship**

EXPERIENCE

Technical co-head - IEEE SBJITMR(1 year)
- Cordinated technical events, workshops and team activities within ieee chapter

Volunteer at SETU NGO
- Participated in field operation and public outreach activities
- Gained teamwork, communication and real-world coordination experience