ANURAG PARMAR

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Carrer Objective

To pursue a career as an **AI & Full-Stack Developer** where I can apply my expertise in Python, Web Development, and Machine Learning to build innovative, scalable solutions, while continuously enhancing my problem-solving and system design skills.

Education

COER University, Roorkee

Bachelor of Technology in Computer Science | **(Currently Pursuing)**   2028

Intermediate, Science Stream – 78.6%   2023

Bal Adarsh Vidhya Mandir, Dholpur (RBSE) , Rajasthan

High School – 89%   2021

Ajay Shiksha Samiti Secondary School , Baseri , Dholpur (RBSE) , Rajasthan

Projects

AI Assistant (MERN Stack, WebSockets, NLP)
- Built a ChatGPT-like AI assistant using MERN with real-time voice communication.
- Integrated speech recognition, TTS, and conversation handling pipeline.
- Developed interactive UI with React and real-time backend using Node.js + Express.

Specs Prescription Lens Solution (IoT, Arduino, Python)
- Used Arduino sensors + Python model for accurate lens strength prediction.
- Automated reading extraction and real-time processing.

Health Recognition App (Computer Vision, Python , MIT Inventor)
- Developed camera based vitals monitoring with automated family alerts.
- Implemented face detection, eye tracking, and health pattern estimation.

Skills

Programming & Frameworks

Python (Advanced: Pandas, NumPy, TensorFlow, Scikit-learn, Matplotlib, OOP)
- Django (Basics)
- Java (OOP)
- C++ (OOP, DSA)

Web Development
- HTML5, CSS3, JavaScript
- React.js, Node.js, Express.js

Databases
- MongoDB, SQL, PostgreSQL

Systems & Tools
- AWS, System Design, Operating System, Computer Networks, DBMS

Ongoing
- Data Structure & Algorithms in C++

DevOps & Cloud
- Git, GitHub, GitHub Actions (CI/CD), Docker, Kubernetes (basic), AWS (EC2, S3) , Postman

Certification & Achievements

- Honorable Member, DISHA – The Guidance Committee
- Organized and managed a National-Level Hackathon to promote innovation and problem-solving.
- **Internal Hackathon 3.0**
  Secured 4th rank with a team project (Internship Webpage).
- **Internal Hackathon 4.0**