

# ANURAG PARMAR

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## Career 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

## Experience

### InvestTech Investment Analyst Intern

**Zetheta Algorithms Private Limited | Remote** Jan 2026-Feb2026

- Selected for InvestTech Project Work Experience Program focused on financial technology & quantitative research
- Built convertible bond valuation models using binomial tree & credit spread analysis
- Analyzed order-book data to detect phantom liquidity & manipulation signals
- Performed market depth & liquidity distribution analysis
- Developed NLP-based sentiment analysis models for trading insights
- Applied Python & financial modeling to simulate real-world investment research workflows

## 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.

## Skills

**Languages:** C, C++, Java, Python, JavaScript

**Frameworks & Web:** React.js, Node.js, Express.js, Django, Angular, Spring Boot

**Databases:** MongoDB, MySQL, PostgreSQL, GraphQL

**DevOps & Cloud:** Git, GitHub, CI/CD, Docker, Kubernetes, AWS, GCP

**Core CS:** Data Structures & Algorithms, System Design, OS, CN, DBMS

**ML & Data:** Pandas, NumPy, TensorFlow, Scikit-learn, NLP

## Ongoing

- Data Structure & Algorithms in C++

## 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).