

# Anshul Yadav

LinkedIn | GitHub | Portfolio  
anshul.yadv22@gmail.com

## EDUCATION

**SRM KTR CHENNAI**  
MASTERS IN COMPUTER  
APPLICATION  
2024-2026 | Chennai  
CGPA: 9.5

**BUNDELKHAND UNIVERSITY**  
BACHELOR'S DEGREE  
2020-2023 | Jhansi  
CGPA: 8

**MAHATMA HANSRAJ**  
MODERN SCHOOL  
12th CBSE 2020 | Jhansi  
Percentage: 81

**RLPS**  
10th ICSE 2018 | Jhansi  
Percentage: 88

## CODING PROFILES

LeetCode:// Anshul00ydv  
GeeksforGeeks:// Anshuydv

## COURSEWORK

Data Structures and Algorithms  
Operating Systems  
Database Management System  
Object-Oriented Programming Systems  
Machine Learning  
Python Programming  
Computer Architecture and Organisation  
Java Programming

## SKILLS

### PROGRAMMING

Languages:  
Java • Python • JavaScript  
Frameworks:  
React • Express • Next.js • Streamlit •  
LangChain • Tailwind CSS  
Databases and Other Tools:  
MongoDB • Firebase • MySQL •  
PostgreSQL • Redux • Git • Node.js

## ACCOMPLISHMENTS

- Winner at Model United Nations
- Completed 'O' Level from **National Institute of Electronics & Information Technology, Delhi**
- Solved 200+ DSA problems.

## EXPERIENCE

### UNIFIED MENTORS | WEB APPLICATIONS ENGINEERING INTERN

2024 February - 2024 April | Remote

- Developed and optimized an **Electric Vehicle Recharge Bunk** platform using **React.js, Node.js, Express.js, and Firebase**, enhancing user experience by **60%** through improved performance, real-time updates, and seamless navigation.
- Implemented **real-time slot booking, Google Maps API and user authentication**, reducing the search time for EV stations by **40%**.
- Designed a scalable back-end architecture, optimizing database queries to improve API response time by **30%**.
- Collaborated with **cross-functional teams** to refine UI/UX and functionality, leading to a **25% increase** in user engagement.

## PROJECTS

### TRAVIAI | AI-POWERED TRIP PLANNER

Source Code | Live

- Developed an AI-driven trip planner that personalizes itineraries, hotel recommendations, and activities using **Google Cloud** and **Gemini AI**.
- Built with **React (Vite), Tailwind CSS**, and integrated **Firebase** authentication via **Auth0** for secure user access.
- Automated itinerary generation optimizes travel routes based on preferences, improving user experience with real-time insights.

### AI POWERED MULTI-PDF CHATBOT | GENERATIVE AI

Source Code

- This AI-powered web application allows users to upload and interact with multiple PDF documents for real-time, AI-driven Q&A.
- Built using **Streamlit** for the frontend, **Google Gemini Pro** for AI-powered responses, and **LangChain** for natural language processing.
- Utilizes **FAISS** for efficient similarity search and **PyPDF2** for seamless text extraction from uploaded PDFs, ensuring accurate and fast document analysis.
- Enhanced user experience with a responsive interface that allows users to query multiple documents simultaneously and receive instant context-based answers.

### AIRBNB - APP | SMART BOOKING APPLICATION

Source Code | Live

- This web application allows users to browse, book, and list properties for short-term rentals.
- Built using **MongoDB, Express.js, React.js, Node.js** with a responsive interface styled using **Tailwind CSS** and **Shadcn**.
- Robust user authentication systems designed that utilize the **JWT** and **Gmail integration** via **Google Cloud**, enhancing security protocols and ensuring uptime over 99.9% for seamless access during peak usage periods.