

Anuraag Singh

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PROFESSIONAL SUMMARY

I am a Computer Science student and Full-Stack Developer passionate about building useful, user-friendly applications. I enjoy taking ideas from concept to a deployed product and have a history of turning complex problems into simple, effective solutions. My work, including a 2nd place finish at the GSoC Hackathon and a variety of AI and web projects, shows my dedication to creating high-quality digital tools with modern technology.

TECHNICAL SKILLS

Languages	Python, C++, JavaScript, Dart, Java (Basic)
Frontend	React, Next.js, React Native, Flutter, HTML, CSS, Tailwind CSS
Backend	Node.js, Express.js, Flask
Databases & BaaS	MongoDB, MySQL, Firebase, Supabase
Developer Tools	Git, GitHub, VS Code, Clerk
AI & APIs	AI/ML Integration, REST APIs, Google Gemini API

CERTIFICATIONS

NPTEL Cloud Computing Certificate <i>Indian Institute of Technology Kharagpur</i> <ul style="list-style-type: none">Finished a 12-week course, earning an Elite certification with a final score of 72%.	April 2025
Fundamentals of AI and ML <i>Vityarthi</i> <ul style="list-style-type: none">Gained a solid understanding of the core principles of Artificial Intelligence and Machine Learning.	April 2024
Free AWS Certification Course <i>IntelliPaat Academy</i> <ul style="list-style-type: none">Learned the basics of key AWS cloud services and how to approach infrastructure architecture.	September 2025
Google Developer Groups on Campus Solution Challenge <i>Hack2skill</i> <ul style="list-style-type: none">Received a Certificate of Achievement for creating a practical AI solution to a real-world problem.	2025

PROJECTS

AI & Machine Learning

Automated Conjunction Risk Assessment <i>An AI tool to predict satellite collision risks from orbital data.</i> <ul style="list-style-type: none">Tech Stack: Python, Pandas, XGBoost, Scikit-learn, SGP4, MultiprocessingBuilt a prediction system that helps space operators focus on real collision threats, cutting down on false alarms.Impact: Made the analysis process over 75% faster by using a parallelized algorithm, allowing for quicker threat detection.View Project: GitHub Repository	July 2025
Smart Roomie <i>A platform that uses AI to match roommates based on their lifestyles.</i> <ul style="list-style-type: none">Tech Stack: React, Firebase, AI/MLCreated a full-stack platform that analyzes user information to find genuinely compatible roommates.Impact: Aimed to improve the quality of roommate matches by 40%, helping users avoid living conflicts.View Code: GitHub Repository	April 2025
Chatty Charm <i>A mobile AI assistant for iOS and Android that connects to different LLMs.</i> <ul style="list-style-type: none">Tech Stack: React Native, Multiple LLM APIsDeveloped a single app that works on both iOS and Android, letting users choose from various AI models.Impact: Delivered instant AI responses by streaming text token-by-token, so users don't have to wait.View Code: GitHub Repository	December 2024
RecallAI <i>A smart chatbot that answers questions using a specific set of documents.</i>	October 2024

- **Tech Stack:** Flask, Google Gemini API
- Built a chatbot that gives context-aware answers based on a defined knowledge base, avoiding random guesses.
- **Impact:** Made answers over 90% more reliable than standard chatbots by citing sources and preventing made-up information.
- View Code: [GitHub Repository](#)

Full-Stack Development

CollegeMate

July 2024

A private marketplace for students to buy and sell items on campus.

- **Tech Stack:** React, Supabase
- Developed a secure marketplace that only allows users with verified student emails to join.
- **Impact:** Provided a safe trading environment for over 1,000 students, avoiding the risks of public online marketplaces.
- View Code: [GitHub Repository](#)

Frontend Development

StreamVerse

April 2024

A user-friendly website for finding movies, powered by the TMDB API.

- **Tech Stack:** React, Tailwind CSS, TMDB API
- Designed and built a responsive movie discovery site with a clean layout that pulls data from the TMDB API.
- **Impact:** Optimized the site to score over 95 on Google PageSpeed Insights, making it fast and smooth for users.
- View Code: [GitHub Repository](#)

Mother's Day Tribute

May 2024

A responsive blog built to perfectly match a Figma design.

- **Tech Stack:** Next.js, Tailwind CSS
- Turned a Figma design into a fully functional and responsive blog with 100% accuracy.
- **Impact:** Used Next.js to make the site load 30% faster and improve its visibility on search engines.
- View Code: [GitHub Repository](#)

EDUCATION

VIT Bhopal University

2023 - 2027

Bachelor of Technology in Computer Science and Engineering

LANGUAGES

English (Fluent), Hindi (Native)