

Ansh Kapoor

New Delhi, India | +91-9311106446 | anshk12456@gmail.com | github.com/axdy02 | LinkedIn

SUMMARY

Full Stack Developer experienced in building scalable web applications, AI-powered dashboards, and automation tools using JavaScript, Node.js, React, and Python. Strong across front-end, back-end, REST APIs, and MySQL. Pursuing B.Tech CSE at K.R. Mangalam University.

TECHNICAL SKILLS

Languages	Java, Python, JavaScript (ES6+), HTML5, CSS3
Frontend/Backend	React, Next.js, Node.js, Express.js, FastAPI, Streamlit, REST APIs
Databases	& PostgreSQL, PostGIS, MySQL, Prisma, Docker, Git, GitHub, Vercel
Tools	
AI / ML	LangGraph, Gemini API, NLP, OpenCV, TensorFlow.js

PROJECTS

FloodReady – AI-Powered Flood Reporting and Mapping Platform

2026

Next.js, Node.js, Express.js, FastAPI, PostgreSQL, PostGIS, Prisma, Docker

floodready.anshkapoor.tech

- Built a full-stack disaster reporting platform where authenticated users can submit geotagged flood reports with evidence images and visualize verified incidents on an interactive map.
- Integrated an AI validation pipeline using LangGraph, Gemini, and weather data to analyze report images, estimate flood severity, and provide confidence scores while ensuring reports remain available even if AI processing fails.

EmoStudy – Emotion-Aware Study Timer

2026

JavaScript, Node.js, face-api.js, TensorFlow.js, Vercel

emostudy2.vercel.app

- Built a full-stack web application using on-device AI to detect emotions in real time through a webcam and automatically adapt Pomodoro session lengths based on user emotions.
- Designed a dashboard featuring live emotion scores, focus analytics, charts, and streak tracking; deployed on Vercel with complete on-device privacy.

Sentiment Analyser Dashboard

2024

Python, NLP, Streamlit, REST API

- Built a full-stack NLP dashboard to process and visualize real-time sentiment metrics by integrating a Python backend pipeline with an interactive Streamlit frontend.

INTERNSHIP

Big Data Intern – CDAC (Centre for Development of Advanced Computing), New Delhi

Jun – Jul 2024

- Built a Sentiment Analyser processing over 500K records through Big Data ETL pipelines and delivered interactive visualization dashboards for stakeholder review.

EDUCATION

B.Tech in Computer Science Engineering – K.R. Mangalam University, New Delhi

2023 – 2027

7th Semester

EXTRACURRICULARS

Smart India Hackathon – University Team Member

2024

- Collaborated with a university team to prototype a software solution addressing a real-world problem under strict time constraints.

Creative Design & UI Interests

Sketching and conceptual drawing enthusiast with a strong interest in UI/UX design; applies visual layout principles and spatial awareness to front-end development.