ANKUSH KUMAR

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TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, SQL
Frameworks/Libraries: NextJS, ReactJS, React Native, NodeJS, ExpressJS, Tailwind
Tools & Technologies: Clerk, Drizzle, Supabase, Git, Github

PROJECTS

OnLevel   Feb 2025
AI-Powered Interview Engine | Next.js, TypeScript, Firebase, Vapi, Gemini   **Code**

- A platform used by 15+ students for **50+** mock interviews, delivering personalized feedback.
- Integrated Gemini LLM to generate **100% custom**, role-based questions with session context.
- Built voice interface with Vapi, enabling real-time AI conversations (<**400ms latency**).
- Automated feedback pipeline, analyzing 100% of responses and delivering insights in **<10s**.
- Scaled Firebase backend to support secure auth and 10+ concurrent users.

Rewire   Dec 2024
AI Feature Prediction System | React, Electron, JavaScript, FastAPI   **Code**

- Real-time aluminum feature prediction cross-platform app, boosting production efficiency by **50%**.
- Designed TensorFlow model achieving **98.97%** prediction accuracy; optimized build size to **82MB**.
- Automated PLC sensor data, eliminating **100%** of manual checks and saving **40+** labor hours/week.
- Deployed with minimal latency; reduced process delays by **100%**.
- Awarded at **Smart India Hackathon 2024** (86,000+ teams); implemented by **NALCO** Ltd.

EDUCATION

Chandigarh University   **Punjab, India**
Bachelor of Engineering in Computer Science – CGPA: 7.64   August 2022 – June 2026
New Crescent School   **Joginder Nagar, Himachal Pradesh**
Senior Secondary (XII) – 88.6%   2020
New Crescent School   **Joginder Nagar, Himachal Pradesh**
Secondary (X) – 93.8%   2018

ACHIEVEMENTS & CERTIFICATIONS

Achievements:

- Winner of Smart India Hackathon 2024 - National level competition with 86,000+ participating teams, showcasing exceptional problem-solving and technical innovation skills.
- Achiever of the Year 2025 under National Achievements category at college Achievers' Day, recognized for outstanding contributions to technology and innovation.
- Winner of college Code Hunt - Complex algorithmic problem-solving competition, demonstrating proficiency in data structures and algorithms.
- Published research paper on Content-Based Image Retrieval in IJSREM, contributing to academic knowledge in computer vision.

Certifications:

- Full Stack Web Development, System Design and DevOps - Harkirat Singh's Cohort 2.0.
- The Ultimate React Course 2025: React, Next.js, Redux & More - Comprehensive modern web development.
- Blockchain Technology using Ethereum and Polygon - Metacrafters certification in decentralized technologies.