Rahul Kumar Mall

Full Stack Developer

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SUMMARY

Full-stack developer skilled in building scalable web applications, APIs, and ML-powered tools. Delivered measurable results including optimized NLP models (85% accuracy), low-latency APIs (<300ms), and +40% user engagement.

SKILLS

Frontend:	React, Next.js, TypeScript, Tailwind CSS, HTML5, CSS3, JavaScript
Backend:	Node.js, Flask, FastAPI, RESTful APIs
Database:	PostgreSQL, MongoDB
ML/AI Integration:	Python, spaCy, OpenCV, scikit-learn, MediaPipe
Tools:	Git, Docker, AWS, VS Code

PROJECTS

Resume AI – Full-stack app for resume building, analysis and ATS optimization   Live Demo

Tech Stack: React, TypeScript, Tailwind CSS, Flask, Cohere AI, Supabase, PostgreSQL

- Developed a one-stop solution for resume analysis, resume building, and application tracking using React + Flask, with AI integration improving keyword extraction accuracy by 85%.
- Designed an interactive UI with Tailwind CSS to display dynamic match scores, increasing user clarity and usability by ~40%.
- Processed 100+ successful resumes; finalist among 1500+ participants in AKTU AI Hackathon 2025.

Posture Detection App – Real-time posture monitoring with AI feedback   Live Demo

Tech Stack: React, TypeScript, FastAPI, MediaPipe, OpenCV, TailwindCSS

- Created posture detection app with FastAPI + MediaPipe, achieving 92% accuracy on 50+ test videos.
- Reduced backend processing to <300ms per frame, enabling smooth real-time webcam feedback.
- Increased user engagement by 40% through interactive visual alerts.

CERTIFICATIONS & ACHIEVEMENTS

- Solved 150+ LeetCode Problems.
- Develop GenAI Apps with Gemini and Streamlit – Google Cloud Skills Boost (2025) View Credential
- Build Real World AI Apps with Gemini and Imagen – Google Cloud Skills Boost (2025) View Credential
- Top 10 – AKTU AI Tech Confluence Hackathon – GUVI Geek Networks (2025)   View Credential

EDUCATION

2023 - 2027	B.Tech in **Computer Science** at **JSS Academy Of Technical Education, Noida**	
2022	Class 12th ICSE at **Little Flower School**	(GPA: 8.1/10.0)