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.

EXPERIENCE

Full Stack Developer Intern | Hexoforge LLC

Remote | November 2025 − Present

- Developing a full-stack Police Scanner & GPS Navigation web application using React.js, Typescript, FastAPI, and PostgreSQL with PostGIS for geospatial queries.
- Architecting database schema with geospatial indexing using PostGIS GIST and Redis caching layer, reducing query response time by 60% for location-based incident searches
- Integrated Leaflet and OpenWeather API for real-time navigation with hazard alerts, weather conditions, and proximity-based notifications for enhanced driver safety

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, LLMs, 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; 30+ active users from around the world (beta phase)

CERTIFICATIONS & ACHIEVEMENTS

- 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

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)