Manik Khurana

Full Stack Developer | Vibe Coder

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Education

Degree	Details
B.Tech in CSE	Delhi Technical Campus, Guru Gobind Singh Indraprastha University	2024–2028 - Founded GeeksforGeeks DTC Campus Body

Independent Projects & Technical Experience

AirWatch — AI-Driven Air Pollution Monitoring Platform
Technologies: React.js, Node.js, Python (Flask), TensorFlow, MongoDB, Tailwind CSS, Sentinel-5P, MODIS, VIIRS APIs - Developed a platform integrating satellite & ground sensor data for real-time air quality tracking - Implemented AI-powered forecasting and anomaly detection - Built an interactive dashboard with live AQI visualization and trend analysis - Designed a professional, atmospheric-themed frontend with responsive layouts and smooth transitions - Integrated real-time data pipelines for fast updates

COMMERCENEST — One-Stop Business Registration Solution
Technologies: React.js, Node.js, Express, MongoDB, Tailwind CSS, Python (Flask), TensorFlow, spaCy - Built a platform simplifying business registration with tailored document generation - Integrated a multilingual AI chatbot for guidance on registration & ITR filing - Designed a modern UI/UX with responsive layouts and smooth animations - Implemented document progress tracking, business growth analysis, AI insights, and professional assistant access

3D Interactive Portfolio Website
Technologies: React.js, Three.js (React Three Fiber), Tailwind CSS, Framer Motion - Developed a dynamic 3D portfolio showcasing projects & skills - Created a 3D animated character reacting to cursor movement - Implemented smooth animations, hover effects, and responsive layouts - Applied modern UI/UX design principles for immersive experience - Optimized performance for fast load times and seamless animations

Technical Skills

Programming Languages	HTML, CSS, C, Java, Python, JavaScript
Frameworks / Libraries	NumPy, Matplotlib, Pandas
Tools / Platforms	Canva, VS Code, Cursor, Lovable, IntelliJ
Databases	Supabase
Other Skills	Graphic Designing, Leadership, Soft Skills

Achievements & Certifications

- Founder, GeeksforGeeks DTC Campus Body
- HTML & CSS Certificate — Completed professional web development certification
- Hackathon Participation & Awards — FOSS Hack & other college/online hackathons
- Additional certificates in Python, JavaScript, and Frontend Development

Extracurricular & Leadership Roles

- Founder & President, GeeksforGeeks DTC Campus Body
- Team Leader, FOSS Hack & Other Hackathons
- Participated in college tech events and competitions demonstrating leadership & collaboration

Languages Known

Languages	English, Hindi