NATANSH MAHAJAN

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in Linkedin   Github

EXPERIENCE

Freelance Full Stack Developer | Self Employed | June 2025 - Present
- Engineered custom MERN-based platforms with secure auth, CMS, Razorpay payments, media uploads, and AI/H5P integrations, delivering real client projects end-to-end.
- Drove full SDLC from requirements → deployment, ensuring scalable, production-ready apps that improved client workflows and met strict deadlines

Open Source Contributor | GSSoC '25
- Contributed to SaralSeva project (Govt. Panchayat digital platform) with features like Twilio integration & JWT auth.
- Collaborated via GitHub PRs, handling issues, code reviews, and documentation.
- Improved backend reliability and user workflows → merged into production.

PROJECTS

CyberCop Safe Space (Hackathon Winner)
Tech: React, Supabase, Node.js, Gemini API, Whisper, Tailwind
- Designed and deployed an AI-powered scam detection platform (URL scanner, OCR fraud detector, Scam Heatmap, FIR Generator with multilingual + WhatsApp extensions).
- Won National level Hackathon (1st place among 200+ teams) for real-world impact, recognized by mentors/judges for innovation in cybercrime safety tech.

Hotel Booking Platform
Tech: Django, Flask, SQLite/PostgreSQL, Bootstrap
- Developed a full-stack hotel booking system with authentication, room availability, and booking management.
- Added admin dashboard for hotel managers to track reservations, customers, and revenues.
- Focused on clean REST API design and modular backend architecture.

SKILLS

Programming & Scripting – C, C++, Python, JavaScript, HTML5, CSS3 | **Frameworks & Libraries** – React.js, Express.js, Flask, Django, Chart.js | **Databases & Cloud** – MongoDB, PostgreSQL, Firebase, Firestore, Supabase | **Tools & Platforms -** Git, Github, VS Code | **Data Analytics & Visualization** – Pandas, NumPy, Matplotlib, Power BI, Excel

ACHIEVEMENTS
- 1st Place, HackSpark 2025 – Winner among 200+ teams for building CyberCop Safe Space
- SIH Internal 2025 – blockchain-based agri-produce traceability system.
- Top Contributor, GSSoC '25 – Delivered scalable backend modules and API integrations.
- Campus Ambassador– Represented in community programs, driving peer learning
- Completed Foundations of Generative AI, LLMs, and Prompt Engineering.
- Finalist at Triwizardathon 1.0 – Organized by GLA University in Microsoft, Gurugram

EDUCATION
BE.CSE with Specialization in AI ML   *2024 - 2028*