

Lakshay Dhoundiyal

Portfolio: lakshay-3d-website.netlify.app

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EDUCATION

- M.Sc. Informatics** CGPA: 8.39/10
Institute of Informatics and Communication (IIC), Delhi University August 2024 - July 2026
- B.Sc. (H) Electronics** CGPA: 8.32/10
Atma Ram Sanatan Dharma College, Delhi University November 2021 - July 2024
- Diploma in Ethical Hacking** Remote
Global Defensive Security, Bhopal January 2024 - August 2024

SKILLS

- Programming Languages:** Python, C/C++, Bash, Go, Java, JavaScript, PHP, SQL, TypeScript
- Frameworks & Libraries:** Flask, Django, React.js, Angular, Express.js, Next.js, PayloadCMS
- Web Technologies:** HTML5, CSS3, Bootstrap, Node.js, Tailwind CSS, WebSockets, JWT, jQuery
- Databases & ORM:** MySQL, PostgreSQL, MongoDB, Firebase, Supabase, Prisma, SQLite
- Cloud & DevOps:** AWS, Docker, Kubernetes, GitHub Actions, CI/CD, Nginx, Netlify, Vercel, Heroku
- Developer Tools:** Git, GitHub, Burp Suite, Metasploit, Postman, Kali Linux, Figma, Arduino IDE

EXPERIENCE

- Research Intern - Full Stack Development** Onsite, Full Time
Samarth e-Gov, CyPSi Laboratory — New Delhi December 2025 - April 2026
 - Designed and developed the **IIC Official Website** and **SamarthX Goa School Website** from scratch using **Next.js**, **TypeScript**, **Tailwind CSS**, and **Payload CMS**, delivering **3** scalable, production-ready full-stack web applications.
 - Engineered **15+ reusable UI components** and **7+ dynamic modules**, including dynamic routing, instructor management, advanced filtering, media handling, and CMS-driven content workflows.
 - Integrated **MongoDB**, **Payload CMS**, **Cloudinary**, and secure backend services to build a modular architecture supporting seamless content management, optimized media delivery, and scalable future deployment.
- Cyber Security & VAPT Intern** Onsite, Full Time
I4C, Ministry of Home Affairs May. 2025 - July. 2025
 - Conducted **5+ OSINT investigations** across surface and dark web sources, identifying **20+ exposed assets**, leaked credentials, and threat indicators to support cyber threat intelligence and risk assessment.
 - Performed **vulnerability assessments** and penetration tests on web applications and network infrastructure, uncovering **13+ security findings** and providing comprehensive remediation recommendations to strengthen security posture.
 - Investigated **100+ domains**, **IP addresses**, and **digital assets** using OSINT and VAPT methodologies, correlating intelligence from multiple sources to identify attack surfaces and potential security risks.
 - Technologies Used:** Maltego, Shodan, theHarvester, TOR, Nmap, Burp Suite, Metasploit, Kali Linux, Wireshark.

PROJECTS

- Threadly AI: Team Communication Platform** GitHub
Next.js, TypeScript, oRPC, FastAPI, WebSockets, NeonDB, Kinde, Arcjet, Prisma
 - An AI-powered team communication platform with real-time messaging and intelligent thread organization.
 - Implemented AI-powered conversation summaries and automated thread management.
- TripPlanner ELD** GitHub
React.js, Material UI, Python, Django, Leaflet, SQLite, OpenStreetMap API, Axios
 - Built an FMCSA-compliant route planner with automated trip scheduling and ELD log generation.
 - Implemented interactive maps, worldwide geocoding, and automated fuel/rest-stop planning.
- Carvix: AI-powered B2B SaaS** GitHub
Next.js, React.js, Tailwind CSS, Shadcn UI, Supabase, Prisma, Gemini API, Arcjet, Clerk
 - Developed a full-stack SaaS platform with AI-powered vehicle search and online test drive booking.
 - Built secure dealership and admin dashboards with AI-driven vehicle recognition.

COMPETITIVE PROGRAMMING

- Leetcode:** [🔗](#) 1050+ Questions Solved, 650+ Days Streak
- GFG:** [🔗](#) 550+ Questions Solved, Institute Rank - 1st
- InterviewBit:** [🔗](#) 858 Questions Solved, Global Rank - 7th
- CodeChef:** [🔗](#) Rating - 1004, 705+ Days Streak

CERTIFICATIONS

- Oracle Cloud Infrastructure DevOps Professional: [🔗](#)
- Java Full Stack (Pantech e-Learning, IETE) [🔗](#)
- Google Cybersecurity Professional Certificate [🔗](#)
- Data Analytics using Power BI (Infosys) [🔗](#)

CO-CURRICULAR/ACHIEVEMENTS

- Qualified UGC-NET (December, 2025)** examination in **Computer Science & Applications**.
- India Book of Records Holder'2024:** Maximum virtual and remote internships completed by an individual.
- 3× Meritorious Student** during Bachelor's; Secured **1st Rank** in the 1st Year of Master's at Delhi University.
- Research Paper:** "Smart Devices and IoT in Industrial Applications," 2nd International Conference, ARSD College.
- Mentor** on Unstoppable and Topmate: Mentored **50+ students** on resume reviews, internships, and career planning.