

# LAKSHAY DHOUNDIYAL

## FULL STACK DEVELOPER & CYBERSECURITY RESEARCHER



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Portfolio



Codolio



GitHub



TryHackMe



Blogs

Dedicated and proactive professional with a passion for technology and a keen enthusiasm to contribute effectively in dynamic & fast-paced environment.

### EDUCATION

- M.Sc. Informatics** ~ Aug, 2024 - July, 2026  
*IIC, South Campus, Delhi University* CGPA - 8.46
- B.Sc. (H) Electronics** ~ Oct, 2021 - July, 2024  
*Atma Ram Sanatan Dharma College* CGPA - 8.32
- Diploma in Ethical Hacking** ~ Jan, 2024 - Aug, 2024  
*Global Defensive Security, Bhopal* Remote
- Advance Certification Course in Information Security** ~ Aug, 2024 - Present  
*IGNOU, Noida Regional Centre* 6 Months
- Intermediate (12th)** ~ April, 2020 - July, 2021  
*Ramjas International School, RKP* 93%

### COURSEWORK

- Web & Mobile Dev
- Cyber Security
- Machine Learning
- Data Structures
- Database Systems
- Operating Systems
- IoT and Cloud
- Computer Networks
- Software Engg.
- Computer Architecture

### AWARDS

- India Book of Records Holder '2024** - Maximum Virtual and Remote internships completed.
- Veer Chandra Singh Garhwali Vishist Uplabdh Sammaan - 2024**, Garhwal Hiteshni Sabha.
- 3 Times Meritorious Student Award**, Department of Electronics, ARSD College, Delhi University.
- Veer Chandra Singh Garhwali Medhavi Chhatra Sammaan - 2022** in class 12th.

### CO-CURRICULAR

- Open Source Contributor:** GSSoC'25, Social Summer of Code (SSoC), Open Summer of Code (OSoC) and Open Source Connect India.
- Placement Coordinator** at Placement Cell, Institute of Informatics and Communication, DU.
- Summer Training - Ethical Hacking and Penetration Testing**, Techgyan Technologies and Abhyuday, IIT Bombay.
- Vice President** - ElectroSpark, Society of the Department of Electronics, ARSD College.
- Research Paper/Publications:** "Smart Devices and IoT in Industrial Applications", 2nd International Conference (RAFM), ARSD College.
- Cleared Prelims and Mains rounds of the Software Development Engineer (SDE) - Placement Eligibility Test (PET)**, out of 10,000+ participants, with a rank of 154, conducted by CloudXLab Inc. | IIT Roorkee.

### WORK EXPERIENCE

- **ReactJs Intern** (Remote)  
*Celebal Technologies Pvt. Ltd.* June, 2025 - August, 2025
- Built a complete eCommerce web application with product listings, search filters, shopping cart, checkout, and user authentication. Worked with RESTful APIs and JSON to ensure real-time UI updates, reusability, and maintainability.
  - Technologies Used:** ReactJS, Redux, Context API, Axios, JS, HTML, CSS, Tailwind CSS, MySQL.
- **Cyber Security & VAPT Intern** (Onsite)  
*IAC, Ministry of Home Affairs* May, 2025 - July, 2025
- Conducted OSINT investigations and monitored surface and dark web sources using tools like Maltego, Shodan, TOR to gather actionable intelligence, track threat actors, identify exposed credentials, and analyze potential security risks.
  - Tools Used:** Maltego, Shodan, theHarvester, TOR, Nmap, Nessus, Burp Suite, Metasploit, Wireshark.
- **Full Stack Developer** (Remote)  
*Coding Bits* Nov, 2024 - Feb, 2025
- Integrated Stripe payment gateway into the Coding Bits website, handling both front-end and back-end integration to ensure smooth payment processing. Assisted in enhancing and maintaining the Coding Bits Website, improving user experience and functionality through various optimizations.
  - Technologies Used:** MERN Stack, Firebase, MySQL, PHP, Git, GitHub, Next.js, Stripe API and Figma.

### CERTIFICATIONS

- Full Stack Web Development | Java Full Stack** - Pantech eLearning | IETE
- Cybersecurity Certifications:** Google Cybersecurity Professional, Certified Network Professional (CNSP), Certified Practical Penetration Tester (CPPT), Junior Web Penetration Tester (JWPT), Certified Linux File System Professional, Cybersecurity Foundation Professional (CSFP).
- Google AI Essentials:** Artificial Intelligence Fundamentals - Coursera
- GeeksforGeeks API Bootcamp: Summer Edition** - Postman | GFG

### TECH STACK / SKILLS

- Programming Languages:** Python, C/C++, Bash, Golang, Java, JS, PHP, SQL, TypeScript and Kotlin.
- Technologies/Frameworks:** HTML, CSS, Django, Flask, Bootstrap, WordPress, JQuery, ReactJs, Express, MongoDB, NodeJs, NextJs, and Angular.
- Databases/Hosting:** MySQL, MongoDB, Firebase, Supabase, Prisma, PostgreSQL, Heroku, AWS.
- Developer Tools:** VS Code, Atom, Canva, IntelliJIdea, PyCharm, GitHub, Git, Gitlab, Figma, Arduino.
- Soft Skills:** Problem-solving, Leadership, Teamwork, Adaptability and Time Management.

### PERSONAL PROJECTS

- Carbonwise: Full Stack Carbon Tracker** | Nextjs, Typescript, Tailwind CSS, Shadcn, Supabase, Nodejs
  - CarbonWise is designed to help individuals track, analyze, and reduce their carbon footprint through intelligent activity logging, streak tracking, goal setting, advanced analytics, community engagement.
- Full Stack Uber Clone Application** | MERN Stack, Tailwind CSS, Google Maps API, JWT, Socket.io
  - It allows users to register, authenticate, book rides, track real-time locations, and manage profiles, while captains can manage their rides with features like real-time location tracking and Google Maps.
- Natural Language Generation (NLP) Model** | Python, Transformers (Hugging Face), GPT-2, Tkinter,
  - An interactive application that leverages a pre-trained language model (GPT-2) to generate human-like text based on user prompts. It can produce texts, stories, reports, and dialogues.

### CODING PLATFORMS

- Leetcode** - Solved 740+ Questions on Leetcode (Max: 1596). Received 365 days coding badge.
- CodeChef** - Solved 1200+ Questions on Codechef (Max: 1045). Received diamond badge (400 days).
- GeeksforGeeks** - Solved 300+ Questions. University Rank - 1 with an overall 300+ days streak.
- InterviewBit** - Solved 480+ Questions. Global Rank - 250 with an overall 300+ days streak.