Lakshnya Adhikari

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Profile Summary

Second-year B.Tech Computer Science student at IGDTUW with hands-on experience building real-time, AI-driven, and scalable web platforms. Developed projects spanning machine learning, browser security, and humanitarian tech, including ML-based athlete screening, disaster coordination systems, and real-time data-leak detection tools. Proven performer in national hackathons, with a strong focus on building impactful, production-oriented solutions.

Education

Indira Gandhi Delhi Technical University for Women (IGDTUW), Delhi
B.Tech in Computer Science and Engineering | 2024 – 2028
SGPA: 8.5 (Current)

Saarthi International School, Delhi
Senior Secondary (Class XII – CBSE), 2024 | 85%

DAV Public School, Delhi
Matriculation (Class X – CBSE), 2022 | 94%

Technical Skills

Programming Languages: C/C++, Python, Java, Kotlin, JavaScript

Web & App Development: HTML, CSS, React.js, Node.js, REST APIs, Firebase (Auth, Realtime DB), Database Design & Management, Responsive UI Design, Dashboard Development

Machine Learning & AI: CNNs, Reinforcement Learning (Basics), Computer Vision, Data Preprocessing, Model Inference, Offline ML Deployment

Tools & Platforms: Git, VS Code, Android Studio, Figma, Canva

Achievements

- 2nd Place – Hack4Health Hackathon (Won Rs 50,000)
- 3rd Prize – InnovEarth Ideathon, NSUT (Won Rs 3000)
- Top 10 Finalist – Finivesta x ECELL IIIT-Delhi Pitch Desk Competition
- Top 10 Finalist-Delhi Industrial Ideathon
- Selected – GSSoC Campus Ambassador 2025, GSSoC contributer 2025
- Top 70 Finalist-Conducted by HackWithIndia IGDTUW
- SIH- Made it to top 100 teams of internal college round
- Top 30- Made it to top 30 in XYNOVA, HackWithIndia
- Top 22-Hackathon organized by IPU

Certifications

• ML Internship – Internshala [8 week internship]

• Lean In DSA Program (Mentee)

• Array Mastery Bootcamp – DevTown, with Microsoft Student Chapter – MSIT, GDG – VIT AP, MSME & Startup India

Projects

Sportify- Enables fair and accessible athlete screening

Sportify is an AI-driven, scalable platform that enables fair and accessible athlete screening. Athletes submit home-based videos, where AI cheat detection and offline CNN models provide instant, reliable feedback. Shortlisted players undergo further assessment using Zigbee-enabled wearables at nearby SAI centers. Performance data is analyzed through CNN + Reinforcement Learning to deliver personalized drills, progress tracking, and sport recommendations. With gamified dashboards, offline support, and AI-driven talent hotspot mapping, Sportify creates a transparent pathway from grassroots to national-level identification.

CrisisMesh – Humanitarian Coordination Platform

A real-time web app to connect disaster victims with emergency responders. Built with Firebase and a scalable architecture, it features secure help request intake and organized data views for efficient crisis response.

LeakWatch- A real-time browser data-leak detection platform

LeakWatch is a real-time browser data-leak detection platform that protects users from malicious extensions and hidden data exfiltration. As AI tools and browser extensions rapidly grow, sensitive data increasingly leaves the browser without visibility. LeakWatch solves this by monitoring clipboard activity, analysing outgoing requests, and correlating suspicious behaviour instantly. A live dashboard alerts security teams, identifies risky domains or extensions, and allows one-click blocking to stop leaks immediately. Designed for Indian enterprises, LeakWatch operates as a lightweight B2B security layer, filling a major gap in browser-level protection with fast deployment and zero-cloud dependency.

Nivarak – Post-Rehab Recovery App

An emotional and health tracking app to support drug abuse recovery. Combines wearable integration (M-Patch: heart rate, BP) with React, Python backend, and HTML UI for real-time monitoring and community support.

Leadership & Activities

• Creative Core Member – Avira (Martial Arts Society), IGDTUW

• Outreach Core Member – Google Developer's Group, IGDTUW

• Head of Content – BHAV MUN Society, IGDTUW (2025)

• Member – Soch (Art Society), IGDTUW

• Rotaract Society – PR Team (Previously Creative Team)

Languages

English (Fluent), Hindi (Fluent), Punjabi (Conversational), French (Basic)