

AANYA SINGH DHAKA

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EDUCATION

Indira Gandhi Delhi Technical University For Women Bachelor of Technology : Information Technology – 8.60 CGPA	Delhi, India Nov 2022 - May 2026
Vivekanand School HSC PCM - 92.7%	Delhi, India Apr 2020 - Jul 2022

EXPERIENCE

Expedia Group <i>ML Engineering Intern</i> <ul style="list-style-type: none">Built production-ready GenAI nodes (Confluence, Backstage, OpenAPI, MODEL) in Expedia’s Intelliflow Studio, enabling intelligent, cross-platform search flows integrated with Slack agents.Designed full-stack execution for LLM workflows using Spring Boot, GraphQL, and OpenAPI, applying prompt engineering and dynamic JSON UI schemas to power real-world automation.	Gurgaon, Haryana June 2025-July 2025
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DRDO (Defence Research and Development Organisation)-DESIDOC <i>Research Summer Intern</i> <ul style="list-style-type: none">Collaborated on a research paper under the guidance of Scientist F, focusing on enhancing the detection of kidney diseases.Developed and evaluated hybrid models to improve diagnostic accuracy using advanced machine learning techniques.Implemented cross-validation techniques to validate model performance, ensuring reliability and robustness of predictive models.	Delhi, India May 2024 – July 2024
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Rotaract Club of IGDТУW <i>Secretary</i> <ul style="list-style-type: none">Played a key role in planning and organising over 90 events, ensuring seamless execution and high participant engagement.Managed a team of 200+ active members, providing leadership, coordination, and support for club projects and activities.	Delhi, India Jul 2024 – May 2025
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SKILLS

Programming & Frameworks	: Python, Java, C/C++, React, Node.js, TensorFlow, CSS, JavaScript
Machine Learning & Data Science:	: Scikit-learn, Keras, Pandas, NumPy, Model Deployment
Tools & Platforms:	: Google Cloud Platform, Git, Visual Studio, AWS, Azure

PROJECTS

FinVerse – GenAI-Powered Financial Assistant | *React, Next.js, Python*
[GitHub](#) || [Link](#)
Developed a full-stack AI-driven platform to improve financial literacy among retail investors in India. The app features a conversational chatbot powered by Gemini Pro API, integrated educational content via the YouTube API, and tools for personalised investment insights, budget tracking, receipt scanning, and fraud alerts.

Differentiated Case Flow Management System | *Python, Hugging Face*
[GitHub](#)
This project utilizes AI and Natural Language Processing (NLP) to predict the priority of legal cases based on their descriptions. It aims to enhance case management efficiency by categorizing cases into **High**, **Medium**, and **Low-priority** tracks with a notable 76% AI model accuracy.

Project Tracking Dashboard | *Django, Chart.js, Bootstrap*
[GitHub](#)
Built an internal full-stack analytics dashboard using **Django** and **Chart.js** to transform project data into actionable insights, demonstrating expertise in backend management and dynamic data visualization.

PUBLICATIONS

Aanya Singh Dhaka, Ritu Rani, Garima Jaiswal, Arun Sharma, Amita Dev.
"Advancing Chronic Kidney Disease Detection: Improving Biomarkers and CT Imaging for Enhanced Detection."
IEEE, 2024 International Conference on Integrated Intelligence and Communication Systems (ICIICS), Kalaburagi, India.

HONORS AND AWARDS

WINNER - SMART INDIA HACKATHON (SIH) 2025 Ranked #1 among 400+ teams; selected from 50K+ participants across the nation.	Govt. of India: MoE & AICTE Dec 2025
ADVANCING INCLUSION SCHOLAR – GHCI 2024 Chosen for GHC scholarship, acknowledging academic excellence and contributions to tech inclusion.	AnitaB.org India Nov 2024
AMERICAN EXPRESS DISCOVERY PROGRAM 2024 One of the 150 chosen mentees out of 30000 applicants all over the country.	AMEX Jan 2024
MICROSOFT STUDENT LEARN AMBASSADOR Selected as an MLSA to showcase and expand skills using Microsoft technologies.	Microsoft Jan 2024
SELECTED FOR HARVARD HPAIR CONFERENCE Chosen delegate for the prestigious 2024 HPAIR Conference, showcasing merit and potential.	Harvard University Cambridge Dec 2023