Aakansh Kasana

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EDUCATION

Guru Gobind Singh Indraprastha University(USAR) Delhi [**CGPA: 8.4**]
Bachelor of Technology [AIML] *Aug 2021 – July 2025*
Bhai Parmanand Vidya Mandir School Delhi [**Percentage: 86.6**]
Class XII [CBSE] *2020*
St Francis School Indirapuram GZB UP [**Percentage: 87.6**]
Class X [CBSE] *2018*

CERTIFICATIONS & COURSES

- **8× Hackathon Winner:**
  - **Amazon Sambhav National Hackathon [1st Runner Up]**
  - hackEDCode Hackathon 2.0 [1st Position] — IITD Debate Hackathon [1st Position] — CodeUtsava NITR [1st Position] — and Secured podium finishes in **4+ other hackathons** – details available on request
- CyberSecurity Case Study (LSR-DU) [1st] — AI-Sustainable Case Study (Gargi-DU) [1st]
- An Intro to Programming through C++ [NPTEL] — ML with Python – Level 1 [IBM] — Supervised ML [Stanford Online] — Translate Speech with Azure AI Speech Service [Microsoft] — AI & ML [Infosys Springboard]
- Debate (Hindu College, DU) [1st Position] — Creative Writing [3rd Position] — Student of the Year Award

INTERNSHIPS

- AI Intern [UpSkillz]-Gained hands-on experience in ML, data processing, and AI model implementation through real-world projects using Python, supervised learning, and data analysis. [04/22 – 06/22]
- Python Instructor – Coding Blocks [12/23 – 02/24]
- AI Intern [IBM SkillsBuild]-gained hands-on experience in machine learning and vector embeddings, built a Python project for text embedding-based sentiment classification. [07/24 – 08/24]
- Full Stack Developer [Agile Group]- Designed and developed the official website for Agile Group (www.agilegroup.org), focusing on responsive UI, performance optimization, and user experience. [07/24 – 06/25]
- AI Intern [Prodigal AI]-Developed a RAG-based Indian Constitution QA system using Python, integrating retrieval-augmented generation for accurate legal query handling. [09/24 – 12/24]
- Forward Deployed Engineer [AarogyalinQ Pvt Ltd] – Rapidly built and shipped cross-domain software (healthcare, legal, education) using platforms like Firebase Studio, Cursor, and V0. [06/25 – 10/25]
- Software developer [Pvt Company Noida] – Building new sites and majorily handing all sites(40+ sites) on own. [11/25 – 01/26]

PROJECTS

- **Face Map** — Built a real-time face detection Flask app using OpenCV and NumPy, achieving 95./. detection accuracy with dynamic bounding-box visualization for uploaded images.
- **Expense Tracker** — Developed an app to track personal expenses and visualize spending trends.
- **Blogging Platform** — Created a blogging website allowing article management, categories, and user comments.
- **Appointment Booking System** — Developed scheduling system with calendar management, reminders, and cancellation handling.
- **Online Survey Platform** — Built platform for creating surveys, collecting responses, and generating analytics.
- **Content Management System** — Created CMS for managing website content, multimedia, user roles, and permissions.
- **Comify** — AI-powered comic generator using Flask, MongoDB, OpenAI, Celery, and Redis.
- **Model Behaviour Checklist using NLP** — Designed checklist for behavioral evaluation of AI models to improve reliability.

TECHNICAL SKILLS

Languages: Python, Kotlin, C/C++, Java,HTML,Php,Django,Flask
Frameworks: Tensorflow, Scikit-Learn, Pandas, Machine Learning, Deep Learning
Database: MySQL,MongoDB **Others**: Node.js, MERN, MEAN, Gen-AI, Full Stack dev

EXTRACURRICULAR

As an active participant in debates, JAM sessions, and various volunteering initiatives—including those organized by the NSS—I engage deeply in meaningful discussions, communicate my ideas effectively, and contribute to my community through consistent volunteer work. I've also led my college's badminton and athletics teams, earning medals and fostering team spirit along the way. In recognition of my all-round contributions, I was honored with the Student of the Year award by my college.