

LAAVANYA KUSHWAHA

+91 7023411744

laavanya2004kush@gmail.com

LinkedIn

GitHub

Portfolio

Education

Bachelor of Technology - Information Technology

2023 – 2027

Indira Gandhi Delhi Technical University for Women (IGDTUW), Delhi

CGPA: 8.38

Experience

Full Stack Intern | TGIT, BCCL (The Times of India)

June 2025 – Present

- Developed frontend modules using **React.js**, **Next.js**, and **Tailwind CSS**, and currently working on backend APIs using **FastAPI**, **Python**, and **Pydantic** to ensure seamless integration and data flow.
- Successfully delivered a **production-ready** frontend module **within deadline**, ensuring **cross-browser compatibility**, **responsive design**, and adherence to **UI/UX standards**; received appreciation from **internal stakeholders**.

Python & ML Intern | IGDTUW – Centre of Excellence (AI)

June 2024 – July 2024

- Built a rainfall prediction machine learning model achieving **84.81% accuracy** using Python and Flask.
- Worked with **Pandas**, **NumPy**, and **Scikit-learn** for data preprocessing, model training/testing, and basic deployment.

Projects

Times Health (Ongoing) | *Next.js, Tailwind CSS, FastAPI, Python, Pydantic, PostgreSQL, Amazon RDS, Recharts*

- Developing an AI-powered healthcare platform to address the lack of centralized tools for doctors to analyze patient reports, monitor trends, and streamline clinical interactions.
- Building dynamic dashboards with Recharts, implementing appointment systems and report uploads, and integrating AI-generated insights using FastAPI, Python, and PostgreSQL on Amazon RDS.

GrahLaxmi | *Next.js, Tailwind CSS, Python, FastAPI, SQLite3*

[View Project](#)

- Addressed the lack of personalized financial planning tools for women, especially in underserved regions.
- Developed a responsive web app with AI chatbot, scheme suggestions, and FastAPI-backed data persistence.

Campus Connect | *React.js, Tailwind CSS, Spring Boot, MySQL*

[View Project](#)

- Noticed inefficiencies in how students interacted with faculty and accessed campus services.
- Created a centralized portal with messaging, canteen ordering, and trading modules using full-stack development.

CALMYA | *React.js, Tailwind CSS, Hugging Face API, Node.js, Express.js*

[View Project](#)

- Tackled lack of personalized mental health support for students in academic settings.
- Built a wellness chatbot with BlenderBot, planner, journal, and meditation tools using React and Express.js.

Certifications

- Machine Learning Internship (Centre of Excellence – AI, IGDTUW)
- Introduction to Career Skills in Data Analytics – LinkedIn Learning

June 2024 – July 2024
July 2024

Skills

Languages & Frameworks: JAVA, C++, Python, C, JS, HTML, CSS, React.js, Next.js, Node.js, FastAPI

Tools & Databases: Git, GitHub, VS Code, Postman, Jupyter, MySQL, MongoDB, SQLite

ML & Data Tools: Pandas, NumPy, Scikit-learn, Jupyter

Soft Skills: Problem Solving, Creative Thinking, Leadership, Team Collaboration, Adaptability

Achievements

- Secured **1st Position** in Gemini Genesis (Devcation 2024 Hackathon) among **100+ registered participants**.

Extracurricular Activities

President, ADTC, IGDTUW

July 2024 – Present

- Founded and lead a tech community of **1.2k+ members** focused on empowering women in tech through development, design, and problem-solving initiatives.
- Organized inter and intra-college events including **web development mentorship programs**, **UI/UX competitions**, and **DSA challenges**.

Technical Head, GeeksForGeeks Chapter, IGDTUW

July 2024 – Present

- Led a team of **10 members** to organize technical workshops and build the official chapter website 