






Ayush Thakur

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EDUCATION

Amity Institute of Information Technology, AUUP Noida July 2023 - June 2025
Masters in Computer Application *Pursuing*

Amity Institute of Information Technology, AUUP Noida August 2020 - June 2023
Bachelors in Computer Application *CGPA: 8.8/10*

Bal Bharati Public School April 2019 - March 2020
Class 12 CBSE - Commerce *Percentage: 80%*

Certificates:

- **Algorithms in C** — Great Learning — Issued July 2023 — Credential ID HDLUXEML
- **Data Structures in C** — Great Learning — Issued July 2023 — Credential ID WEPLSZNG
- **Python** — HackerRank — Issued July 2023 — Credential ID 22b56e4fb3df

SKILLS

Languages: Unix Bash, C/C++, Java, Python, L^AT_EX

Tools: Git/GitHub, Unix Shell, VS Code

Frameworks: Flask, Gradio, Streamlit, tkinter, PyQt 6, Linux

EXPERIENCE

Artificial Intelligence Club, AIIT | *Vice President* July 2023 to Present
I played a pivotal role in organizing workshops, conferences, and hackathons to promote knowledge sharing and skill development in the field of artificial intelligence. I actively engaged with industry experts and encouraged collaboration.

CodSoft | *C++ Programmer* Sept 2023 to Oct 2023
During my time as a C++ programmer, I effectively utilized my problem-solving skills and attention to detail to ensure the task's successful completion. I also collaborated with the team to optimize code efficiency and deliver high-quality solutions.

LG Electronics | *Python Developer & AI Researcher Intern* May 2023 to July 2023
My primary focus was on the development and implementation of an innovative project on AI-Based Coder. I used Python and Google PaLM to create new tools that significantly enhanced the coding process, contributing to increased efficiency and accuracy in software development.

Kailash Hospital | *ASP DotNet Developer Intern* July 2022 to Sept 2022
I was responsible for creating dynamic PHP forms as a part of my project. I actively contributed to enhancing the hospital's digital infrastructure, streamlining data collection, and improving user experience through the development of these forms.

PROJECTS

Stable Diffusion XL Web | *Python, Gradio, Diffusers, PyTorch* July 2023 - Sept 2023

- Stable Diffusion XL Website Framework
- Github: [ayush-thakur02/stable-diffusion-xl-web](https://github.com/ayush-thakur02/stable-diffusion-xl-web)

Hyprland v3 Installer | *Unix Bash, Arch Linux, Hyprland*

June 2023 - Sept 2023

- Hyprland v3 Installer for Arch Linux
- Github: ayush-thakur02/Hyprland-V3

tkinter-Calculator-GUI | *Python, Tkinter*

June 2022 - Aug 2022

- Tkinter Calculator GUI for Basic Arithmetic Calculations
- Github: ayush-thakur02/tkinter-Calculator-GUI

PUBLICATIONS - IEEE SCOPUS

Implementation & Analysis of Online Retail Dataset Using Clustering Algorithms

04 July 2023

- 4th International Conference on Intelligent Engineering and Management (ICIEM)
- Authors: Sanchit Jeens, Dr. Alka Chaudhary, Ayush Thakur

NLP & AI Speech Recognition: An Analytical Review

04 May 2023

- 10th International Conference on Computing for Sustainable Global Development (INDIACom)
- Authors: Ayush Thakur, Dr. Laxmi Ahuja, Dr. Rashmi Vashisth, Dr. Rajbala Simon

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Satellite Imagery Analysis Technology for Disaster Response Efforts

19 July 2023

- Authors: Ayush Thakur, Dr. Laxmi Ahuja, Dr. Rajbala Simon