Ayush Thakur

 github.com/ayush-thakur02 @ayush-thakur02 ayush.th2002@gmail.com
Leetcode: ayush-thakur02 orcid.org/0009-0001-4883-2071

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, LaTeX
Tools: Git/GitHub, Unix Shell, VS Code
Frameworks: Flask, Gradio, Streamlit, tkinter, PyQT 6, Arch

EXPERIENCE

Artificial Intelligence Club, AIIT | *Vice President* — July 2023 to Present
I played a important 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 2033
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.

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

Copyrights

Satellite Imagery Analysis Technology for Disaster Response Efforts   19 July 2023
- Authors: Ayush Thakur, Dr. Laxmi Ahuja, Dr. Rajbala Simon

Projects

Cresent Hyprland | *Toml, JSON, CSS*   Oct 2023 - Present
- Hyprland Dot files, Custom OS Look
- Github: ayush-thakur02/Crescent-Hyprland

Stable Diffusion XL Inpainting | *Python, Diffusers, Gradio*   Sept 2023 - Oct 2023
- It is an image inpainting tool to fill in missing or corrupted parts of an image
- Github: ayush-thakur02/xl-inpainting

Hyprland v3 Installer | *Unix Bash, Arch Linux, Hyprland*   June 2023 - Sept 2023
- Hyprland v3 Installer for Arch Linux
- Github: ayush-thakur02/Hyprland-V3

Object Tracking OpenCV | *Python, OpenCV*   Jul 2023 - Sept 2023
- Object Tracking and Detection program in Python, powered by OpenCV
- Github: ayush-thakur02/object-tracking-opencv

Stable Diffusion XL Web | *Python, Gradio, Diffusers, PyTorch*   Aug 2023 - Sept 2023
- Stable Diffusion XL Website Framework
- Github: ayush-thakur02/stable-diffusion-xl-web

Web Portfolio | *HTML5, CSS3, Javascript*   Jul 2023 - Aug 2023
- My Web Portfolio
- Github: ayush-thakur02.github.io

Stable Diffusion XL Terminal | *Python, Diffusers, PyTorch*   Jul 2023 - Aug 2023
- Stable Diffusion XL Website Framework
- Github: ayush-thakur02/stable-diffusion-xl

tkinter-Calculator-GUI | *Python, Tkinter*   Mar 2022 - Apr 2022
- Tkinter Calculator GUI for Basic Arithmetic Calculations
- Github: ayush-thakur02/tkinter-Calculator-GUI

Search Extension Valorant | *HTML5, CSS3, Javascript*   Feb 2022 - Mar 2022
- Custom Search Extension for browsers based on Valorant
- Github: ayush-thakur02/search-extension