

ADITYA GUPTA

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SUMMARY

Computer Science and Data Science student, open-source developer, and founder of Nyahost. Experienced in designing full-stack applications, cloud infrastructure, and AI systems, with projects ranging from offline-first SaaS platforms and browser extensions to distributed hosting environments and developer tooling used by thousands of users.

EDUCATION

Maharaja Agrasen Institute of Technology B.Tech Computer Science <i>GPA: 8.4</i>	New Delhi Aug 2024 - 2028
Indian Institute of Technology B.Sc Data Science and Artificial Intelligence <i>GPA: 8.83</i>	Tamil Nadu May 2024 - 2028
Birla Vidya Niketan Senior Secondary School PCM+CS	New Delhi Apr 2009 - Apr 2023

EXPERIENCE

Nyahost <i>Founder</i>	New Delhi Nov 2025 - Present
• Self hosting hardware clusters for VMs and Linux Containers • Setup WHMCS Panels for management and billing pipelines	
Codetech <i>WebOps Expert</i>	New Delhi Feb 2021 - Jan 2022
• Managed and hosted web servers including portfolios and blogs • Built a load-balanced hackathon platform "R3DACT" to handle over 300 concurrent users.	

SKILLS

Programming Languages:	Python, Rust, Javascript, C/C++, Typescript
Frameworks:	FastAPI, Django, Actix, Vue, React, MongoDB, Svelte, QT(QML), Selenium
Tools:	Linux, Git, Kubernetes, Helm, Docker, Nginx, Proxmox, Traefik, Shell Scripting

PROJECTS

BrewJournal <i>React, Express.js, Postgress</i>	https://brew.adityagupta.dev
An end to end offline-first coffee logbook and brewing companion designed to track coffee rituals.	
Omnia <i>Python, Langchain</i>	https://github.com/sortedcord/omnia
A game engine specification that defines an AI driven, intent-based architecture for building determinist-first interactive worlds.	
GyanSetu <i>React, Typescript</i>	https://github.com/gyansetu-app/gyansetu-app
A gamified educational platform for K-12 students and teachers. Shortlisted for Smart India Hackathon 2025	
Coggle <i>Python, Transformers</i>	https://github.com/sortedcord/coggle
CLI for file processing and conversions, format-specific operations, as well as easy bulk file management using small NLP pipelines. Project for FossHack 2026 Hackathon	
Gippity Puner <i>Javascript, ManifestV3</i>	https://tinyurl.com/gippity-pruner
A browser extension that brings over a variety of UI adjustments and improvements to OpenAI's ChatGPT interface. Cross platform for both Firefox and Chrome. Gained over +1,000 concurrent users.	
UdemyScraper <i>Python, Selenium</i>	https://github.com/sortedcord/udemyscraper
A library built with bs4 and selenium, that fetches udemy course information. Used for udemy course information and converting it to json, csv or xml file, without authentication.	
Spotiplex <i>REST API, Python</i>	https://github.com/sortedcord/spotiplex
A cross compatible service for syncing playlist data over multiple music streaming platforms.	
Phion Docs <i>Vue, Vuepress</i>	https://github.com/PHION-pm/documentation
Documentation for the Phion Package Manager using VuePress SSG. Phion is a package manager spec built for packaging linux desktop configurations as a self contained package.	
OsuStat <i>QT(QML), Python</i>	https://github.com/sortedcord/osu-statqt

A platform independent desktop application to display game statistics with a fully polished UI featuring custom QML components

Buyeradar *Selenium, Python, QT*

<https://github.com/sortedcord/buyeradar>

An e-commerce product price tracker made with PyQt and Selenium.

AWARDS

Hack4Health Hackathon

Consolation prize for Hack4Health Hackathon organized by IIIT-D and Horiba

Horiba

July 2025

Microsoft Office Specialist

Became a national finalist in PowerPoint 2016 Track

Compudon

June 2018