ADITYA GUPTA

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EDUCATION

Maharaja Agrasen Institute of Technology   New Delhi
B.Tech Computer Science *GPA: 8.4*   Aug 2024 - 2028

Indian Institute of Technology, Madras   Tamil Nadu
B.Sc Data Science *GPA: 8.92*   May 2024 - 2028

Birla Vidya Niketan   New Delhi
Senior Secondary School   Apr 2009 - Apr 2023

EXPERIENCE

Nyahost   Remote
Founder   Nov 2025 - Present

- Self hosting hardware clusters for VMs and containers
- Setup WHMCS panels for management and billing pipelines

Codetech   New Delhi
WebOps Expert   Feb 2021 - Jan 2022

- Managed and hosted codetech's webservers including portfolios and blogs
- Built a load-balanced hackathon platform to handle over 300 active users under high load.

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

GyanSetu *React, Typescript*   https://github.com/gyansetu-app/gyansetu-app
A gamified educational platform for K-12 students and teachers. Shortlisted for Smart India Hackathon 2025

Gippity Pruner *Javascript, ManifestV3*   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 600 concurrent users.

Groovbox *Python, Rust*   https://github.com/Groovbox
An set of utilities to manage local music collections efficiently. Uses vectors for storing tracks making for
(almost) instantaneous DB queries and music playback.

UdemyScraper *Python, Selenium*   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 *REST API, Python*   https://github.com/sortedcord/spotiplex
A cross compatible service for syncing playlist data over multiple music streaming platforms.

Phion Docs *Javascript, Vue*   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-QT *QT (QML), REST API*   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, QT (QTQuick)*   https://github.com/sortedcord/buyeradar
A e-commerce product price tracker made with PyQt and Selenium.

AWARDS

Microsoft Office Specialist   Compudon
Became a national finalist in PowerPoint 2016 track   June 2018