

Krish Gupta

Developer — AI & Open-Source Enthusiast

Delhi, India · herogupta626@gmail.com ·

Summary

Backend developer with strong roots in Python, C/C++, and system-level programming. Passionate about open-source, cybersecurity, and AI/ML. Developer of the Sanskrit-inspired **ShAKti** programming language and **Namo** editor. Contributor at FOSS Hack and Technovate. Strong collaboration, mentoring, and Linux expertise.

Technical Skills

Languages: Python, C, C++, JavaScript, SQL, VirtualBox, Wine
HTML, CSS

Frameworks/Tools: Next.js, TypeScript, Tailwind
CSS, Flutter, Framer Motion, OpenGL

Dev Tools: Git, GitHub, VS Code, PowerShell, Bash,

Operating Systems: Windows, Ubuntu, Fedora, Kali
Linux, Parrot OS, Tails OS, Qubes OS, macOS

Design/Other: Photoshop, Blender, Premiere Pro,
Basic Blockchain Knowledge

Experience

FOSS Club Member (2025–Present)— *Delhi, India* Spinning open-source webs of collaboration, one pull request at a time.

- Contributed to GitHub repositories: tools, documentation, and automation scripts.
- Mentored peers in Linux, Git, cybersecurity, and open source.
- Participated in workshops, hackathons, and community events.

CTF Participant – Technovate (2024)— Cracked challenges in a high-stakes cyber battlefield.

- Secured 4th place in a college Capture The Flag (CTF) cybersecurity event.
- Specialized in cryptography, reverse engineering, binary/web exploitation.
- Solved 9 easy and 1 medium level challenge.

Developer – ShAKti & Namu (2025)— Blending culture and code with Krishna-like focus.

- Built ShAKti: Sanskrit-inspired language with lexer/parser in C.
- Created Namu: cross-platform text editor tailored for ShAKti.
- Showcased at FOSS Hack 5.0; recognized by FOSS United.

Projects

OS Flip (2025) — Python script to simplify dual-boot OS switching.

AKsite (2025) — Personal portfolio website with dual-theme design (Spider-Man & Krishna).

ShAKti (2025) — Sanskrit-based compiled language with custom lexer and type system.

Namu (2025) — Lightweight code editor built for ShAKti.

Education

Delhi Technical Campus - Greater Noida B.Tech in Artificial Intelligence & Machine Learning, *Expected 2028*

Bal Bhavan Public Sr. Sec School Senior Secondary (Non-Medical), *Completed 2024*
Nursery to 10th Grade, *Completed 2022*

Achievements

- 2025 – Created OS Flip and AKsite (Automation & Creative Coding)
- 2025 – Presented at FOSS Hack 5.0; recognized by FOSS United (Innovation)
- 2024 – Finalist (4th Rank), Technovate CTF (Cybersecurity)
- 2024 – Mastered C++, C fundamentals (Programming)
- 2023 – Mastered Python, SQL fundamentals (Programming)
- 2020 – Explored Ethical Hacking and Linux (Security)
- 2019 – Started video editing journey (Creative)