# Harshdeep Singh

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**Summary:** A passionate programmer and technical enthusiast, I thrive on solving complex problems and am deeply invested in the world of cybersecurity. As a Linux OS and FOSS advocate, I leverage my skills to create innovative solutions and enhance digital experiences.

## Skills

**Technical Skills:** Programming Languages (C, Python, Shell Scripting); Markup Languages (Markdown, YAML, HTML); Database Management (SQL - MySQL, MariaDB); Operating Systems (Linux - Arch, Debian; macOS; Windows); Researching (OSINT, Effective Web Surfing); Git; Documentation Writing.

**Soft Skills:** Analytical, Critical, and Metacognitive Thinking; Problem Solving; Agile Learning; Project Management; Planning and Scheduling; Second Brain and Note-Taking; Tutoring.

## Projects

**Development Setup (Personal Project)**                    September 2023 - Present
*github.com/harshdeepsinghin/dotfiles*
Engineered a streamlined development environment for CachyOS and macOS using custom shell scripts and configurations.

**Study Toolkit (Open Source)**                    March 2024 - May 2024
*github.com/harshdeepsinghin/StudyToolkit*
Developed a Python-based terminal application enhancing study efficiency with an AI-integrated toolkit.

**Striiks (Open Source)**                    November 2022 - June 2023
*github.com/harshdeepsinghin/Striiks*
Created a Python-based habit-tracking app encouraging consistency through an interactive terminal interface.

## Education

**UPES Dehradun, India**                    August 2023 - Present
Bachelor of Technology in CSE – Cyber Security and Digital Forensics

**SMCS Vikasnagar, India**                    April 2022 - March 2023
CBSE Higher Secondary Certificate
Percentage: 74%

**SMCS Vikasnagar, India**                    April 2020 - March 2021
CBSE Secondary School Certificate
Percentage: 74.4%

## Internship

**Social Intern**                    June 2023 – August 2023
**Ardas Samaj Kalyan (ASK) NGO, Dehradun, India**

• **Scam Awareness Campaign** – Developed a digital awareness initiative educating over 200 citizens on cyber scams, enhancing community knowledge and self-education in cyber safety.

• **Environmental Responsibility** – Organized and participated in eco-friendly initiatives, repurposing plastic waste and planting coriander, fostering sustainable practices within the community.

• **Community Engagement & Education** – Facilitated a Summer Camp for students from underserved areas, using interactive and interest-driven learning approaches, enhancing literacy and equipping youth for future contributions.

• **Support for Local Entrepreneurs** – Contributed to a workshop under MNREGA, helping 30 small-scale entrepreneurs improve skills through product photography, bridging economic gaps in local businesses.

• **Earned Certification of Appreciation** – Acknowledged for dedication to community welfare and sustainability, underscoring commitment to impactful social work.

## Certifications

• **Eureka Jr. Semi-finalist, E-Cell IIT Bombay (2021, 2022)**: Recognized for innovative contributions and selected among top teams, enhancing skills in entrepreneurship and teamwork.

• **Certification of Appreciation, ASK (Ardas Samaj Kalyan) NGO**: Acknowledged for a 2-month social internship contributing to various social well-being initiatives, fostering community support and empowerment.

## Co-Curricular Activities

- **Dance India Dance (DID) Selection (2017)**: Qualified in Dehradun and Delhi for the TV show.
- **Group Dance Competitions**: Runner-up, UPES Fest (Uurja) and DIT Fest, Dehradun.
- **Songwriting & Music Performance**: Writes and performs original songs and raps; skilled in guitar, congo, and drums.

## Interests & Hobbies

- **Public Speaking & Debating**: Actively engaged in debates and discussions.
- **Socializing & Networking**: Enjoys connecting with people and expanding perspectives.
- **Skating**: Avid skater with a passion for outdoor activities.

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