



# SHREYANSH TIWARI

STUDENT DEVELOPER | CS @ DU

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github.com\shrey01stark



## ABOUT ME

"Driven & versatile undergraduate student pursuing B.Sc. (Hons.) Computer Science at ARSD College, University of Delhi. Passionate about building projects that blend design, business, & technology. Skilled in HTML/CSS, Python, MySQL & Excel, with a growing interest in AI, data analytics, & product innovation. Known for a quick learning curve, problem-solving mindset, & the ability to adapt across diverse challenges. Eager to contribute to impactful projects, collaborate with dynamic teams, & turn ideas into actionable outcomes."



## WORK EXPERIENCE



### STARKIFY (SPOTIFY SKIN) [BUILDING...]

- Designing a custom web-based Spotify "skin" using HTML, CSS, and JavaScript, integrating Spotify's Web API for real-time music playback control.
- Implements Play/Pause/Next controls, displays current track info, album art, and playlists, while providing a minimal, ad-free UI for Spotify Premium users.
- Showcases skills in JavaScript Fetch API, OAuth authentication, and API integration to create a seamless user experience.



### MINI CHATAPP (SHA-256 & AES SECURED)

- Built a desktop chat application in Python using Tkinter for the GUI.
- Implemented e2ee with AES and SHA-256 hashing with sqlite for secure message storage and transmission.
- Used PBKDF2 key derivation and dual-key verification to strengthen password security and prevent brute-force attacks.
- Experimented with custom cipher logic (pad cipher & Vigenère hybrid) to understand encryption workflows beyond standard libraries.



### SECURE DOWNLOAD MANAGER (AES ENCRYPTED)

- Built a Python-based file management tool in CLI that securely downloads and manages videos, PDFs, and images using yt-dlp and API integrations.
- Implemented AES encryption & SHA-256 hashing to encrypt all downloaded files and metadata before storing in SQLite database.
- Developed full CRUD functionality for user accounts & authentication with PBKDF2-based password security.
- On login, the system decrypts files for access, combining security and usability in a self-contained tool.



## HOBBIES



CODING



MUSIC



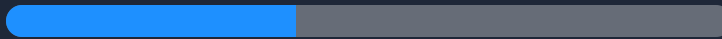
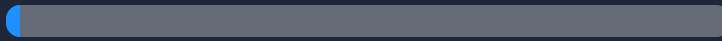
READING



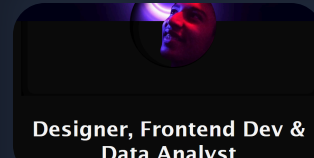
MOVIES



## TECH STACK

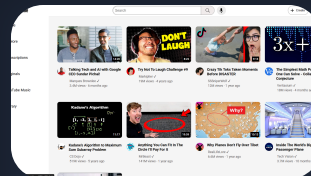


## PROJECTS



Designer, Frontend Dev & Data Analyst

> My Portfolio



> Youtube Homepage



## EDUCATION



2025 - 28

B.Sc (Hons.) Computer Science - ARSD College

Loadin'...



2024 - 25

Grade 12 - KVS R.K. Puram, New Delhi (CBSE)

PCM+CS | 86%



2022 - 23

Grade 10 - KVS R.K. Puram, New Delhi (CBSE)

93.6%



## LANGUAGES



English



Hindi