PRIYANSHU KUMAR SINGH

FULL STACK DEVELOPER

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EDUCATION

DIT UNIVERSITY, DEHRADUN, UTTARAKHAND 248009

Bachelor of Computer Application

May 2027(Expected)

SUMMARY

Aspiring BCA student with hands-on experience in Python development, cybersecurity tools, and automation projects. Seeking an internship to apply my skills in real-world environments while growing into a full-stack and AI-integrated developer.

PROJECTS

AI Assistant(in progress)

Python, Whisper, Porcupine, Edge TTS, Playwright

- A modular voice-controlled assistant built using Whisper, Porcupine, and Edge TTS. Capable of automating browser tasks, opening apps, and executing system-level commands.

SUBDOMAIN ENUMERATOR

Python, Nmap, WHOIS, nslookup, get IP, regex, socket, thread pooling

- Developed a Python CLI tool to enumerate subdomains and map IPs using regex, socket, and thread pooling. Demonstrates DNS and OSINT fundamentals.
- Decreased reconnaissance time and efficiency by more than 60%, which were wasting in running different scripts.

Telegram Weather Bot

Python, Playwright, Beautiful soup

- Built a bot using Playwright and Beautiful Soup to fetch real-time weather data via Telegram commands. Integrated Telegram Bot API and automated browser interaction.
- Improved weather data fetching speed by up to 25% using playwright.

SKILLS

Languages - HTML, CSS, Python, JavaScript

Frameworks and Libraries - Tailwind CSS, OpenAI Whisper, pyttsx3, Playwright, speech recognition, Edge TTS, Porcupine

Tools - Git, GitHub, Telegram Bot APIs, Rest APIs

Networking and security - IPv4, IPv6, NAT, ARP, Nmap, Wireshark, REGEX, Socket programming

Strong command of Python and automation tools, with growing expertise in full-stack JavaScript development. Comfortable with low-level networking and cybersecurity utilities.

INTERESTS

Full-Stack web developer, Cybersecurity, Automation, AI Integration, Philosophy, Tech Minimalism