SHUBH GUPTA
SECURITY AUTOMATION & SCRIPTING ENGINEER

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SKILLS

Security & Automation
- Python
- PowerShell
- Bash
- CVE Analysis
- Recon
- Network Scanning

Tools
- Wireshark
- Metasploit
- Git
- Nmap

Scripting & Backend
- Django
- REST APIs
- Automation Pipelines

Platforms
- Windows (Automation & Hardening)
- Linux (Debian-based)
- GitHub

Database
- MySQL

EDUCATION

Bharati Vidyapeeth University
College of Engineering, Pune
B.Tech - Computer Engineering
2021 - 2025

Ryan International School, Jaipur
Higher Secondary Education
2021   76.8%

St. Anselm's Pink City School, Jaipur
Secondary Education
2019   65.2%

CERTIFICATIONS

EC Council
- Certified Ethical Hacker (CEH)
- Open Source Intelligence
- Network Defense Essentials (NDE)

Google
- Foundations of Cybersecurity
- Automate Cybersecurity Tasks with Python

IBM
- Introduction to CyberSecurity tools and Cyber Attacks

The Linux Foundation
- Linux for Developers

PROFILE

Security Automation & Scripting Engineer with experience creating automation tools using Python and PowerShell for recon, reporting, and system configuration. Skilled in vulnerability research and Windows / Linux environments, with a focus on building reliable, repeatable workflows that improve security efficiency. Always learning and applying practical, hands-on security concepts.

EXPERIENCE

Security Automation & Scripting Intern
Sunrise Computers | Jaipur, Rajasthan   Jul 2025 - Present
- Automated Windows configuration, optimization, and reporting workflows using PowerShell, reducing manual effort and improving consistency.
- Developed a Python-based CVE monitoring and email-alert system to track new vulnerabilities relevant to internal software and infrastructure.
- Built scripts to collect logs and automatically export structured reports to Google Sheets for internal analysis.
- Contributed to CRM feature updates and issue fixes using PHP by researching solutions and applying rapid learning when needed.

Data Analysis with Python Intern
Amnex Infotechnologies | Remote   Jun 2024 - Sep 2024
- Processed, cleaned, and transformed datasets using Python and Pandas for automation workflows.
- Created Python scripts to automate routine analysis tasks and improve reporting efficiency.
- Used Git for version management and debugging to ensure scripts were reliable and repeatable.

Junior Python Developer   May 2023 - Jul 2023
Marktine Technology Solutions | Jaipur, Rajasthan
- Supported backend development using Django, contributing to API functionality and internal automation features.
- Worked with MySQL and Django ORM to manage structured data and improve database interactions.
- Debugged and refactored backend components to enhance reliability and performance.

PROJECTS

CVE Scanner Automation — Python
Tech - Python, APIs JSON, Automation, Scraping, Integration

A Python script that automatically fetches CVE data from public APIs, filters vulnerabilities based on severity/product relevance, and sends email alerts. Built to streamline vulnerability tracking and reduce manual monitoring time.

Windows Automation Toolkit — PowerShell
Tech - PowerShell, Windows Internals, Automation

A collection of PowerShell scripts for automating Windows optimization, configuration, and reporting. Includes performance tweaks, debloating routines, network configuration helpers, and system-information extraction.