

# Ashwini kumar

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## SKILLS

- **Languages:** Python, Bash Scripting, C++
- **Frameworks:** MITRE & ATTACK, NIST Cybersecurity Framework, Volatility Framework.
- **Tools/Platforms:** WindowForensics, Wireshark, SIEM, Nmap, Splunk, Mitre, FTK Imager, Autopsy, Log Analysis, Log Detection, Shodan, Snort, Wazuh
- **Soft Skills:** Problem-Solving, Team Player, Time Management, Adaptability, Stress Management

## INTERNSHIP

### Deloitte

May '2025

- **Cyber Security Virtual Intern([job Simulation](#))**
  - Conducted a comprehensive Data Breach Investigation for a simulated industrial environment, focusing on threat detection and infrastructure security.
  - Analyzed web server logs to identify malicious IP addresses and documented investigation findings in a professional incident response report with actionable mitigation steps.
  - Developed practical expertise in log analysis, threat detection, and incident response methodologies to secure network infrastructure against external attacks.

## PROJECTS

### Automated Phishing Detection: /[GitHub](#)

Dec' 2025

- Developed Bash-based OSINT tool to combat sophisticated phishing attacks. Developed automated script of establish file hashes, compute URL python scripting.
- Automated multi-layered URL analysis using URL structures, SSL certificate, OpenSSL(to verify validity and age (HTTP redirect tracking to identify malicious behavior via API).
- Automatic the triage process to reduce URL investigation time by 70%, delivering actionable security reports in under 5 seconds with a 95% detection accuracy.

**Tech:** Bash Scripting, OSINT, Network Security, Whois Lookup, VirusTotal API, JSON Parsing (jq), SSL/TLS Analysis (OpenSSL), Linux Automation.o

### Disk Space Alert System Script: /[GitHub](#)

Jul' 2025

- Leveraged Linux server storage architectures and SMTP email notification protocols to establish a proactive infrastructure monitoring system across multiple partitions.
- Automated multi-layered URL analysis using URL structure inspection, SSL certificate validation and age verification via OpenSSL, and HTTP redirect tracking through APIs to identify potentially malicious behavior.
- Manual 100% of server health-checks using Bash and SMTP to prevent downtime, triggering instant alerts at 80-90% thresholds to ensure zero data corruption.

**Tech:** Bash Scripting, Linux System Administration, Email Utilities, Automation

## TRAINING

### Linux System Administration Intern Red Hat([Summer Training](#))

Jun'2025-Jul'2025

- Gained the capability to efficiently manage administrative tasks within a Red Hat Enterprise Linux (RHEL) environment, ensuring system stability and performance according to industry-grade standards.
- Developed Bash scripts for automated user management and configured LVM for dynamic storage, while auditing SSH and file permissions to ensure enterprise security compliance.
- Optimized RHEL infrastructure management by implementing LVM storage, improving disk utilization efficiency by 30%.

## CERTIFICATES

- Digital Forensics Masterclass: Computer Forensics DFMC + DFIR / [Udemy](#) Jan' 2026
- Google Cybersecurity Professional Certificate / [Coursera](#) May' 2025
- Red Hat System Administration Part I(RH124) / [Red Hat Academy](#) Jun' 2025
- Red Hat System Administration Part II(Rh134)/ [Red Hat Academy](#) Jul' 2025

## EDUCATION

### Lovely Professional University

Punjab, India

- *Bachelor of Technology - Computer Science and Engineering; CGPA: 6.13*

Since 2027

### Bal Vikas Inter College

Nani, Prayagraj

- *Intermediate; Percentage: 69%*

April 2022 - March 2023

### Bal Vikas Inter College

Nani, Prayagraj

- *Matriculation; Percentage: 89%*

April 2020 - March 2021