SIDDHARTH BHARADWAJ

CONTACT

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SKILLS

Technical Skills:

- **Security & Testing**: Web & API Security, Penetration Testing, OSINT Techniques
- **Languages**: Python, C, C++, Java, Bash
- **Scripting & Automation**: Python automation, Bash scripting, Custom Nuclei templates
- **Cloud Platforms**: AWS, GCP, DigitalOcean
- **Networking & Infrastructure**: TCP/IP, VPNs, DNS, Firewalls
- **Version Control & Databases**: Git, SQL (MySQL, SQLite)
- **Digital Forensics Tools**: Cellebrite UFED, MSAB XRY, DVR Examiner, FTK Imager, Physical Analyzer

Soft Skills:

- Critical Thinking, Communication, Technical Writing, Incident Analysis, Problem Solving, Team Collaboration

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EDUCATION

M.Sc in Cyber Forensics & Cyber Security
Amity Institute, Noida

2024-2026   8.61 CGPA

Bachelors in Computer Application
Institute of Technical Education and Research, S'O'A

2021-2024   9.45 CGPA

Advance Diploma in Hardware & Networking
Computics, Darbhanga

2019   A+ Grade

CERTIFICATIONS

Practical Web Pentest Associate (PWPA)
TCM Security

Junior Penetration Tester (eJPT)
INE Security (FKA eLearnSecurity)

Jr Penetration Tester (PT1)
TryHackMe

PROFILE

Postgraduate student in Cyber Forensics & Cyber Security with 2+ years of hands-on experience in application security, penetration testing, and reverse engineering. Demonstrated expertise through roles in bug bounty programs, freelance API reverse engineering, and internship at a state forensics lab. Passionate about cyber investigations and securing digital assets through advanced forensic and security techniques.

WORK EXPERIENCE

Intern

State Forensic Science Laboratory (SFSL), Junga   May - June 2025

- Gained hands-on experience in digital evidence analysis, mobile forensics, and incident response procedures.
- Analyzed 10+ forensic images, assisted in 3 active cybercrime investigations, and contributed to 2 case reports on digital evidence findings.
- Shadowed senior forensic experts during ongoing cybercrime investigations.

Application Security Analyst [Contractor]

Airwallex   2021 - 2022

- Conducted over 15+ comprehensive security assessments for web and mobile applications, identifying 10+ critical vulnerabilities and reducing overall risk exposure by 30%
- Reduced manual testing time by 40% by integrating Nuclei-based scans with 15+ custom templates tailored to the app stack.

Freelance API Reverse Engineer

Fiverr   2023 - PRESENT

- Specialized in reverse engineering undocumented APIs for client use cases.
- Reverse-engineered and automated 5+ undocumented APIs, cutting client data-fetch time by 80% and improving reliability.

Bug Bounty Hunter

Freelance   2021 - PRESENT

- Reported 25+ vulnerabilities (including 10 critical) across platforms like OKX and JIO, earning acknowledgments and bounties worth $5,000+.
- Strengthened systems by identifying bugs in production-grade web/mobile applications.
- Acknowledged by multiple organizations for critical security insights and fixes.

ACHIEVEMENTS

- 2nd position at Pentathon 2024 organised by NCIIPC AICTE [2024]
- 1st position at a jeopardy style CTF at NIT, Rourkela. [2023]
- 1st position at a jeopardy style CTF at NIT, Rourkela. [2022]
- 2nd position at a jeopardy style CTF at ITER, SOA. [2021]
- 1st position at World Youth Skills for Network Administration. [2019]

PROJECTS

- **PrettyRecon-CLI**
  - Developed PrettyRecon-CLI, an open-source Python tool that automates over 90% of tasks for prettyrecon.com, reducing task time from 30 minutes to 5 minutes.
  - Reduced website visits from 20 to 1, significantly improving efficiency.
  - Implemented automation using a reverse-engineered API for data extraction, as no official API is available.

- **AutoTrickster**
  AutoTrickster is a command line utility to automate the complete process of creating and adding fleets to the Trickest Community edition.

  ⚙ https://github.com/SiddharthBharadwaj