

Swapravo Sinha Roy

Freelance ethical hacker looking for remote penetration testing opportunities as a Junior Cyber Security Analyst.

Skills

Python, Bash, Java, C, Golang, Git, Redis, SQLite3, FastAPI, Flask
Debian/RHEL, Windows Server 2019
Encryption, Cloud security, Secure software development, Risk mitigation.

Experience

- Hardened webapps from serious design flaws that could have led to remote shells
- Deployed Intrusion Detection Systems, Antimalware services, DoS prevention mechanisms and firewalls
- Wrote a Privilege Escalation exploit for CVE-2021-3560 (Polkit) that was cloned and tweeted by hundreds of users
- Passed various cybersecurity exams and certifications for clients
- Rooted 50+ VMs from VulnHub and HackTheBox
- Familiar with industry standards such as Metasploit, ExploitDB and BurpSuite
- Working on a Quantum Safe e-mailing service at postquantummail.com
- Occasional problem solver (Level 2, Top 3%) at [ProjectEuler.net](https://www.projecteuler.net)

Education

B.Tech. IT, Techno Main Saltlake (2023)
ISC, Don Bosco School Park Circus

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