# Siddharth Rajput

*Security Engineer*

✉ siddharthrajputwork@gmail.com      📞 +918989874196

in www.linkedin.com/in/siddharthrajput09/      ↖ http://siddharthrajput.in/

## SUMMARY

Security engineer specialised in conducting vulnerability assessments & penetration tests for various systems, including web, cloud, API, network, Android. Skilled in code review, **DevSecops**, cloud security, secure SDLC, threat modelling, OSINT, automation, **Python/Bash**.

## EXPERIENCE

**MEESHO** ⬀      Oct 2021 – present | Bangalore, INDIA

*Security Engineer*

- Designed and implemented an in-house **SAST** CI/CD pipeline ⬀ for code and secrets scanning with MTTD of 1 minute. Implemented alerting functionality to block the code release process.
- Set up **recon automation** to have an eagle eye view of all assets owned by Meesho, resulting in a 50% increase in asset tracking efficiency.
- Utilized **AWS** and **python** to automate CVE scanning for services used in EC2 (**SBOM**).
- Collaborated with DevOps to improve AWS security **WAF**, fine-tuning existing rules, resulting in an 80% reduction in false positives.
- Conducted **PRD reviews** and **threat modeling** for a variety of applications, including web, mobile, and cloud (AWS).
- Conducted **phishing campaigns** and vertical escalations to create security awareness.
- Conducted extensive automated scanning of infrastructure and APIs using tools such as Burp Suite, Gitleaks, Nessus, Nuclei, and Semgrep via Python and Bash, thereby increasing efficiency by 60%.

**CURL ANALYTICS** ⬀      May 2021 – Oct 2021 | Bangalore, INDIA

*DevSecOps Engineer*

- **VAPT**: Conducted over 100 penetration testing and architecture review projects for various partners, covering web, mobile, network, and **Docker security** with 100% efficiency.
- Implemented **Hashicorp Vault** for Docker authorization.
- Trained and provided foundational secure coding knowledge to developers, on the **OWASP Top 10**.
- Created scripts to automate deployments, upgrades, on-boarding using **ansible** and **terraform**.
- Successfully conducted POC and implemented tools like Gitleaks, Synk, Trufflehog, and Prowler.

**JAI KISAN** ⬀      Jan 2021 – Mar 2021

*Penetration Testing Intern*

- Identified and implemented ways to upgrade the security parameters of the current system, automating repeated tasks to save time and reduce the workload of manual security checks in the pipeline.

**MORTGAGE KART LIMITED** ⬀      Jul 2020 – Sep 2020

*Security DevOps Intern*

- Identified vulnerabilities and bugs in web applications, inspected logs for unwanted requests, and automated API testing using tools such as **Jasmine, Mocha,** and **Python**.

**ZOOMCAR INDIA PRIVATE LTD** ⬀      Feb 2020 – Jun 2020

*Backend Intern*

- Reported and helped fix major security vulnerabilities in web application. Gained knowledge of top orchestration tools in the industry, such as Docker and Kubernetes. Created Bash scripts to automate daily tasks for the team.

## SKILLS

**Expertise** ● ● ● ● ○
Application Security, Network Penetration Testing, Security Automation, Code Reviews, Attack Surface Management, Threat Modelling.

**Security Tools** ● ● ● ● ○
Burpsuite, GuardDuty, Nmap, Semgrep, Nessus, WAF, Nuclei

**DevOps** ● ● ● ● ○
Cloud Security, Python, MySQL, Bash, Nginx, Terraform, Linux, Docker, MongoDB, Ansible

**Security awareness** ● ● ○ ○ ○
Phishing campaign, OSINT, CTF (Capture the Flag)

## EDUCATION

**Bachelor of Technology in Electronics and Communications Engineering**
*University School of Information, Communication, Technolgy*

## ACHIEVEMENTS

**Hall of Fames**
Multiple bugs ranging from critical to medium severity were accepted on different programs like **Western Union Bank, Twilio, Nethesda, Oneplus, JFrog Freecharge, Paytm, Oyorooms,Nearbuy, Dutch Government, Takealot.com.**

**CCTNS Cyber Challenge Hackathon**
I was selected to participate in a three- day hackathon organized by the **National Crime Record Bureau, India**, where only 30 out of 2,000 students were chosen to test and exploit the government's **Crime and Criminal Tracking Network System CCTNS**. Where i used my expertise in identifying and protecting against cyber threats, as well as my ability to effectively assess and secure critical systems.

**Capture the Flag Competitions**
Top 50 in Hackquest 4 organized by TCS. Top 3 in Rooters CTF 2019

## VOLUNTEERING

**GraphQL Hacking in Null Delhi Meetup** 2018
Delivered a talk on the GraphQL Hacking in Null Delhi Meetup.

**Cloud Native Computing Foundation** Oct 2020 – Dec 2020
*Teaching assistant*
Co-mentor, providing individual and small group tutoring to reinforce learning concepts.

## TECH BLOGS

- Building a SAST program ⧉
- DNS Security ⧉

## CERTIFICATES

- DevOps Engineer with Google Cloud ⧉
- Software Security, University of Maryland ⧉