Sahil Ahamad

Security Analyst IV, Bug Bounty at Meta

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SUMMARY

I'm a cyber security enthusiast with 10+ years of cybersecurity experience and 8+ years specialising in application security, vulnerability research, and bug bounty and security programs management.

I've worked with companies including Nykaa and Zomato, leading the security engineering function at Zomato with a strong focus on application security and security program development. For the past 5 years I've also worked on Meta's Bug Bounty program: improving root-cause analysis workflows across its product and service surfaces, including AI-assisted analysis, and driving a shift-left approach to mitigation that reduces time to mitigate and resolve. I also run privacy evaluations across products, services and features, which feed issue prioritisation during triage.

AI security is where most of my work sits now: the agentic attack surface, prompt injection and the rest of the OWASP agentic top 10, and the mitigations that actually hold up under pressure. Input filtering is rarely the useful lever — what matters is constraining what a compromised agent can reach, and what it can do with the access it already has. I work at the model layer as well as the application wrapped around it: transformer behaviour, where fine-tuning and alignment leave gaps, and why prompt-level guardrails keep failing in production.

EXPERIENCE

Feb 2021 – Present

Security Analyst IV, Bug Bounty (Whitehat Program)
Meta · London, UK

- Triage and validate high-impact vulnerabilities across Meta-owned products and services.
- Root-cause analysis (Hack, Python), turning bug bounty findings into shift-left fixes.
- AI automation for triage workflows; researcher experience and coverage of under-researched surfaces.

Mar 2019 – Feb 2021

Security Engineer II
Zomato · Gurgaon, India

- Led the security engineering function across product verticals.
- Helped build a company-wide vulnerability disclosure program.
- Manual web and mobile pentesting, secure-by-design practices, and internal secure coding training.

Aug 2018 – Mar 2019

Security Engineer
Nykaa · Mumbai, India

- Application security assessments for e-commerce and mobile platforms.
- Identified and remediated critical vulnerabilities; raised baseline security standards.

2012 – Present

Independent bug bounty researcher
HackerOne · Bugcrowd · Intigriti · HackenProof

Started bug bounty in early 2012, before Bugcrowd or HackerOne existed, reporting vulnerabilities directly to the companies affected. The work is helping companies and governments fix security issues before user data is exposed, and pushing organisations to adopt responsible disclosure policies. Did this full time until joining Nykaa, then moved into running bug bounty programs and building security programs for tech startups. Reported valid, exploitable vulnerabilities to more than 1,000 companies, including Fortune 500 organisations.

SKILLS

Penetration testing — Web · API · Mobile · Cloud

Code review — Go · Python · Java · Ruby · JavaScript · PHP

System design security and threat modelling

Cloud security — AWS · GCP · Azure

DevSecOps

Automation and tooling — Python/Django · JavaScript/Node.js · Hack/PHP

AI security — Agentic attack surface · Prompt injection · OWASP agentic top 10

EDUCATION

2013 – 2016

Engineer's Degree — Mechanical Engineering
Maharshi Dayanand University

2010 – 2013

Associate's Degree — Mechanical Engineering
Lovely Professional University

Polytechnic at Lovely Institute of Technology and Science, Phagwara, Punjab. Graded A, 80%.

TOOLING

SwiftnessX

Cross-platform note-taking and target-tracking app for penetration testers: per-target notes for endpoints and recon data, and importable OWASP testing checklists.
847 stars · GPL-3.0 · Electron

Recon-My-Way

Open-source automation scripts and workflows for asset discovery, DNS resolution, port scanning and cloud storage bucket auditing.

Community repositories

Wordlists, Android reverse-engineering setup notes (class-dump-z), and collaborative security documentation.

WRITING & PRESS

Medium

Recon — my way

Hakin9 – IT Security Magazine

iOS Apps Security Testing Lab
14 December 2018

Blog De IT

Interview with Sahil Ahamad — Application Security Researcher
29 May 2019

AWARDS

2018

Winner, Hacken Cup
HackenProof · Ukraine

Won the HackenProof CTF at Hacken Cup 2018 and was invited to hack on site at the live event in Kyiv.