

Guja Markozashvili

+995598773151 | gujamrkz@pm.me | linkedin.com/in/gujamark | bugcrowd.com/h/oversudo | https://mrkz.sh | Tbilisi, Georgia

SUMMARY

Experienced Penetration Tester with 4 years of expertise in offensive security, specializing in web, mobile (Android, iOS), Active Directory, and network penetration testing. Strong background in software development and DevOps, **NASA Hall of Fame** member on bugcrowd

EXPERIENCE

Penetration Tester

Oct 2021 – Present

TBC Bank

Tbilisi, Georgia

- Conducted deep penetration tests on over 200 assets, uncovering more than 60+ critical and high-severity vulnerabilities, and collaborated with cross-functional teams to implement security best practices
- Delivered detailed security assessment reports with actionable remediation steps, resulting in a significant reduction of security incidents
- Led cross-functional agile teams of 5 or more members in prioritizing and implementing critical security fixes, enhancing the organization's overall security posture
- Performed secure code reviews using SAST tools (SonarQube, Fortify) and manual analysis, identifying and resolving code-level vulnerabilities
- Organized and managed internal Capture-the-Flag (CTF) events with 99 percent uptime; designed and created challenges (web, mobile, cryptography, networking, log analysis, reverse engineering) and deployed environment on AWS using Terraform (EC2, EKS, ECS, ECR, ELB, S3, VPC, Amazon Workspaces, Workmail, etc.)
- Upskill more than 50 developers and DevOps engineers through internal CTF events every year, resulting a decrease in common vulnerabilities appearing in new code deployments.
- Developed automation scripts that significantly reduced phishing success rates and improved incident response times
- Averaged 60+ comprehensive security assessments per year, covering full-stack environments including Web, Android, and iOS platforms

Software Developer

Aug 2019 – Oct 2021

TBC Bank

Tbilisi, Georgia

- Developed and optimized complex business logic for the Loan Origination System using the OutSystems low-code platform
- Maintained and optimized the Loan Origination System, which managed a portfolio of 6 billion GEL of active loans
- Built data aggregation solutions for business analysts using advanced Oracle SQL queries
- Collaborated effectively in agile development teams to deliver optimal solutions and accelerate project delivery timelines
- Maintained strong stakeholder relationships, translating business requirements into technical implementations with high client satisfaction

CERTIFICATIONS

- CRTO - Certified Red Team Operator
- eCPPT - eLearnSecurity Certified Professional Penetration Tester
- eWPT - eLearnSecurity Web Application Penetration Tester
- eMAPT - eLearnSecurity Mobile Application Penetration Tester

EDUCATION

Business and Technology University
Bachelor of Engineering in Informatics

Tbilisi, Georgia
2018 - 2022

TECHNICAL SKILLS

Security & Penetration Testing: Linux, Burp Suite, Metasploit, Nessus, Nmap, SQLmap, BloodHound, Frida, OSINT, Network Scanning & Pentesting, Active Directory Penetration Testing, Mobile Penetration Testing, Web Penetration Testing, Application Security Testing, Static Application Security Testing (SAST), OWASP Web Security Testing Guide (WSTG), OWASP Mobile Application Security Testing Guide (MASTG), Vulnerability Assessment, Security Assessment Incident Response collaboration, OWASP Top10, Red Team Operations, JSON, Websockets, RESTful APIs, Python, Go, Bash

Languages: English (Professional), Georgian (Native)