

ANISH SARKAR

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OBJECTIVE

A highly motivated and detail-oriented Computer Science undergraduate specializing in cybersecurity, with a proven track record in security research and vulnerability assessment. Recognized by multiple leading companies for valuable contributions to their Vulnerability Disclosure Programs, I bring expertise in web and mobile application penetration testing to effectively evaluate and enhance security controls across diverse platforms. As a collaborative team player with a strong commitment to learning. In a dynamic cybersecurity analyst internship, I aim to leverage my skills to fortify security measures and proactively defend against evolving cyber threats.

EDUCATION

California State University, East Bay
Bachelors of Science in Computer Science

Spring 2023 — Fall 2026 (Expected)

EXPERIENCE

IT Service Desk Technician

Information Technology Solutions - Cal State East Bay

Part-Time

June 2024 - Present

- IT support and troubleshooting using tools like Jamf, LAPS, Duo Admin, IDM, ServiceNow, and Bomgar.
- Managed incoming calls and tickets, assisted with troubleshooting for classroom and remote environments.

Freelance Security Consultant

Newslaundry Media Private Limited

Remote

Aug 2020 - May 2021

- Conducted penetration tests on pre-prod websites and assisted in fixing multiple critical bugs.
- Analyzed and triaged incoming Security Bugs and provided resolutions.

Bug Bounty Hunter

HackerOne, BugCrowd + Pvt Programs

Remote

- Discovered and reported critical vulnerabilities (P1-P3), including Remote Code Execution, Server-Side Request Forgeries, and Account Takeovers, receiving acknowledgments from IBM, MTN Group, AT&T, Verizon Media, Deutsche Telekom, PayPal, Hewlett-Packard, and the U.S. Department of Defense.
- Specialized in API Security, Reconnaissance, Vulnerability Scanning, Assessment and Research.

SKILLS

- **Technical Skills:** Penetration testing, Ethical Hacking, Root Cause Analysis; Risk and Vulnerability Assessment.
- **Languages:** HTML, Javascript, C, C++, Python and Bash.
- **Networking:** Proficient in TCP/IP, DNS, VPN, and firewall configurations. Familiar with protocols like HTTP, HTTPS, FTP, and SSH. Understanding of security practices including firewalls, encryption, and end-point security.
- **Security Tools:** Burp Suite Pro, Nmap, Wireshark, SQLMap, Metasploit Framework, OSINT, etc.
- **Communication Skills:** Strong written and verbal skills; experienced in professional interactions.
- **Problem-Solving:** Strong analytical skills with a proven record of finding and resolving technical issues swiftly.

CERTIFICATIONS

- Google Cybersecurity Specialization
- Palo Alto Networks Cybersecurity Certification
- CompTIA Security+ (In Progress)
- Microsoft Cybersecurity Analyst Certificate (In Progress)

PROJECTS

Internet Rover: A large-scale security research initiative that scans the entire IPv4 space to identify open ports, vulnerabilities, and TLS certificates. Powered by masscan on a bare-metal server, it can process millions of IPs per second. Used AWS Lambda for scalability, Kubernetes for orchestrating tasks, and cron jobs for automated task scheduling. Created custom shell scripts to manage blacklists, ensuring ethical and efficient data collection.