GANESH BAGARIA

B.Tech Gold Medalist

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ABOUT ME

I am actively seeking a rewarding opportunity in the Cyber Security field, where I can leverage my extensive professional security experience, over 3 years of hands-on expertise in bug bounty hunting and vulnerability assessment, and a successful track record of freelancing in the industry.

SKILLS

Technical Skills: Penetration Testing, Web Application Security, Mobile App Security, API Security, VAPT, Bug bounty hunting, OWASP, Python, Flask, Linux, PHP, MySQL, Git, JavaScript

Languages: English, Hindi

WORK EXPERIENCE

DigiSec360   **(Full-Time)**
Cyber Security Analyst   (February 2023 - Present)
- In my role as a Cyber Security Analyst, I conduct comprehensive penetration testing on web apps, mobile apps, APIs, and CIDR ranges. I meticulously analyze the security vulnerabilities and generate detailed pentest reports, providing actionable remediation steps to address the identified issues.

HackerOne   **(Part-Time)**
Independent Bug Bounty Hunter   (October 2020 - Present)
- Recognized for identifying and reporting over 100 valid security vulnerabilities to reputable organizations such as BBC, Affirm, Medibuddy, Practo, RIPE, Visma, QIWI, Alibaba, Rocket.chat, PUBG, Line, Mail.ru, Keybank, and various other private programs
https://hackerone.com/ganeshbagaria?type=user

Fiverr   **(Part-Time)**
Freelancer   (September 2018 - Present)
- I have successfully completed over 100 freelance projects, demonstrating expertise in a wide range of technologies including Python, PHP, API development, OAuth2, JavaScript, web scraping, WordPress, plugin development, bash scripting, web server deployments, and Flask.
https://fiverr.com/ganofins

COMPETITIONS

Microsoft Hackathon Event   (April 2020)
- We **won** this Hackathon event. Our team name was Road Busters.
- Our team pioneered an innovative traffic management system, prioritizing eco-friendly travel between Route A and Route B. By harnessing Python, JavaScript, and JS libraries, we crafted a solution that notably reduced commute times while advancing environmental sustainability goals.

Hackathon Event   (March 2019)
- Developed an RFID-based billing system using Arduino, RFID scanner, and tags to significantly reduce billing time at shopping malls. Integrated a Java-based GUI that seamlessly connected with Arduino, enabling real-time data retrieval from RFID tags.
- Our project introduced a time-saving solution for shoppers by enabling simultaneous scanning of multiple purchased items using an RFID scanner, reducing billing time by up to 34%.

Hackathon Event   (March 2018)
- Our team devised and constructed a web-based cybercrime reporting platform, enabling direct submissions to the Cyber Authority. Using HTML, CSS, PHP, and integrated Google APIs, we ensured seamless functionality. Additionally, machine learning techniques authenticated reporters' identities via their IDs.

PROJECTS

Subcapture   (October 2021)
- I developed a powerful tool using Python that efficiently assesses the vulnerability of subdomains, determining if they can be potentially taken over. By inputting a list of subdomains, the tool accurately identifies those that pose a risk. This project showcases my proficiency in Python programming and my ability to analyze and secure digital assets.
  https://github.com/Ganofins/subcapture

Proxy Extractor   (June 2020)
- Developed a Python-based tool that extracts and verifies free proxies from multiple listings, utilizing both Python and Linux shell scripting. The tool scrapes proxy information from various sources, employs Async requests for verification, and provides a filtered list of functional proxies.
  https://github.com/Ganofins/proxy-extractor

Voice Controlled Game   (April 2020)
- Created a unity engine based game where the actions of the character can be controlled through voice commands.

Transodio   (November 2019)
- Transodio is a Python based GUI application which provides a quick and automated way to translate a video's audio in the user's preferred language. It was built using Python and AWS.

EDUCATION

B.Tech. (Computer Science and Engineering)
Rai University   Ahmedabad, Gujarat (2016–2020)
- Gold Medalist in Computer Science
- CGPA: 9.28

CERTIFICATES

RedHat Certified System Administrator (RHCSA)   (May 2018)

Professional Developers Certificate   (April 2020)

IIT Bombay "Geogebra" Certification   (March 2017)

ACHIEVEMENTS

CVEs
- Obtained 4 CVE IDs (CVE-2021-24211, CVE-2021-24176, CVE-2021-38621, CVE-2021-38622) by identifying and reporting security flaws in widely-used software.

PUBLICATIONS

HTML for Beginners   (January 2017)
- Book which gives a brief introduction about all the HTML elements with their examples.
- Sold over 1500 copies across multiple online platforms.
  https://www.amazon.in/HTML-Beginners-Ganofins-ebook/dp/B01N0L9KIO

MySQL for Beginners   (June 2016)
- Book which gives a brief introduction about all the MySQL queries with their examples.
- Sold over 800 copies across multiple online platforms.
  https://www.amazon.in/MySQL-Beginners-1st-Ganesh-Bagaria-ebook/dp/B01028DQZU