

EDUCATION

Master of Science	Digital Security	EURECOM, France	–	Sep 2021 – Present
Bachelor of Engineering	Computer Science & Engineering	Oriental Institute Of Science and Technology, India	7.23/10	2015 - 2019

EXPERIENCE

Société Générale, Bangalore		Cyber Security Engineer	June 2019 - Aug 2021	
Responsibilities	<ul style="list-style-type: none"> ▪ Application Assessment: Assisted the security team in finding vulnerabilities in applications belonging to Société Générale and its entities. ▪ Purple Teaming: Performed full-scaled attacking simulations to identify security exposures by challenging the SOC team of the organization and assessing detection techniques. ▪ Mitigation: Participated in weekly vulnerability mitigation meetings, addressing common security threats to the applications. ▪ Security Awareness: Hosted cybersecurity sessions on OWASP top 10 in 'Cyber Thursday' to spread awareness on security throughout the organization and actively participated in security events like 'Beat the Bug' and 'Security Hour'. 			
Bugcrowd & Hackerone & Synack Red Team		Security Researcher	Feb 2018 – Present	
	Diagnosed vulnerabilities such as Reflected XSS, Stored XSS, Clickjacking, Insecure CORS, Misconfigured SPF record, SSRF, HTML Injection, Host Header Injection, SSTI & SQL Injection. Verified bugs using tools like Burp Suite, Nmap, Niko, Sqlmap, Wireshark, Drozer Framework.			
Freelancer.com		Web Developer	Apr 2015 - 2019	
Achievements/ Tasks	Completed over 70 projects with 5 star rating. Designed and developed web-applications, corporate identity on various CMS along with SEO. Helped clients with malware removal and cleanup services.			
AtOnceCab		CTO	June 2015 - 2016	
Responsibilities	Designed the web of cabservice by using Wordpress as CMS. Also helped in designing corporate identity. Supervise the team of 4 people to build the mobile applications.			

ACHIEVEMENTS

▪ Star of the Quarter Q1: Recognised under curiosity category for Identifying unique vulnerabilities.	2021
▪ Session:	2020
- Delivered a session on OWASP Top 10 at Oriental College of Sc. and Tech with more than 400 participants.	
- Delivered a talk on "CVE in 5mins" at Null, Bhopal.	
▪ Live Hacking Event: Got selected for International event 'Bounty Bash' in Nepal.	2019
▪ Acknowledged: Vimeo, Preply, SurveyMonkey, Zomato, Redbus, Goibibo, TheVauletapp, Yatra, Ringlead, JotForm, Freelancer, Uber, IRobot, Cloudways, etc.	2020
▪ Participated in Brainwaves Hackathon by Société Générale (Fourth Place)	
▪ MVP: Achieved Most Valuable Player of 2019 Q4 by reporting bugs with priority percentile range for P1s, P2s, and P3s above 80%.	2019
▪ CTF: 2nd Runner up at Braindead CTF by Flipkart at Nullcon, Goa.	2018

PROJECTS

Adversarial Learning against Healthcare applications	<ul style="list-style-type: none"> ● Implemented an AI-based healthcare model. ● Explored and implemented different methods to attack the model. ● Evaluated the effectiveness of the attack methods.
Lego EV3 Robot (link)	The robot was built using a Lego ev3 Mindstorms set along with various sets of sensors and actuators. The objective of this robot was to race against time and complete the race on track by avoiding the obstacles on the way.
Recon Automation	Developed an automation tool by combining multiple open-source scripts to recon and detect the vulnerabilities in a web application. The tool performs port scanning, directory brute-forcing and detects vulnerabilities like XSS, Open redirect, weak SSL, and many more.

TECHNICAL SKILLS

Language	Python, C/C++, XML, JavaScript, HTML, CSS, PHP	Tools	Burp Suite, Nmap, Metasploit, Beef Framework, Hydra, Wireshark, Sqlmap, PuTTY
Software	Visual Studio, JetBrains, IntelliJ IDEA, Android Studio	OS	Kali Linux, Windows, Android, Ubuntu, IOS

Publications

CVE-2019-16685 CVE-2019-16686 CVE-2019-16687 CVE-2019-16688	An issue was discovered in Dolibarr 9.0.5. It has multiple stored XSS vulnerabilities in 'Job Position', 'User Note', 'Signature', and 'Email Template'. A user with no privilege can inject a script to attack the admin which can result in an account takeover.	2019
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