

<div><div><div><div><div></div><div>Kaustubh Rai</div><div>Application Security Engineer</div></div></div><div><div><div>+91 8149791460</div><div>@ raikaustubh12@gmail.com</div><div>🔗 https://raikaustubh.com/</div></div></div></div></div>			
Summary	Cybersecurity specialist with a strong background in App Sec, Vuln Assessment, and Pentesting. Committed to continuous learning and growth, with active participation in industry events and CTF challenges		
Experience	ContentStack		July 2022 - Present
	Associate Application Security Engineer		
	<ul style="list-style-type: none">Conducted security testing encompassing VAPT, SAST, DAST, SCA, and Manual Code Review, enhancing the security posture of over 500+ RESTful and GraphQL APIs across ContentStack's suite of servicesDeveloped and implemented an automated API security testing protocol that reduced the testing cycle time by 40% which improved detection efficiency by 50%.Lead security auditor for 30+ applications on ContentStack's platforms. Vetting and ensuring the secure rollout of features across Marketplace, Launch, and Automation Hub ecosystems.		
	ContentStack		Feb 2022 - July 2022
Technical Consultant			
<ul style="list-style-type: none">Led performance optimizations for ContentStack's CDN, achieving a 20% improvement in content delivery speed to global customers.Conducted code reviews across 50,000+ LoC, identifying and mitigating security vulnerabilities, which resulted in a 30% enhancement in platform security metrics.Designed and executed performance load tests, simulating up to 10x normal traffic, which helped identify and resolve critical performance bottlenecks, ensuring 99.9% uptime.			
Education	Univerisity of Mumbai		2022
Computer Engineering		BTech	
Projects	CVEdB (Common Vulnerabilities and Exploits Database) - Django	IMAGE AUTHENTICITY CHECKER – Python, TensorFlow, KERAS	No_Contact_WhatsApp – AWS Lambda, Serverless, Python, Telegram Bot
	Platform to explain vulns, exploits, mitigation strategies, and addedthreat intelligence info, such as current risk levels, exploit prices, and prevention tips for SDLC	Created an ML-based image verifier to detect alterations or filters applied to images and verify GPS location	Developed a serverless Telegram bot on AWS Lambda for messaging on WhatsApp without saving contacts
Skills	Cloud & Monitoring: AWS WAF, Inspector, Data Dog, Splunk, SentinelOne		Security & Pentesting: Web/API Hacking, OWASP Top 10, Automation
	● ● ○ ○ ○		● ● ● ● ○
	DevOps & Tools: Linux, Docker, Kubernetes, VMware, Git, Postman, BurpSuite		Development & Scripting: Python, Bash, PowerShell MongoDB, JavaScript
	● ● ● ● ○		● ● ● ● ○
Professional Development	PortSwigger Academy		Cybrary
	Actively solving labs with detailed blog documentation of each lab.		Network Fundamentals, Comptia A+ 901AA, Comptia Network+
	TCM Security		APISEC University
	Practical Ethical Hacking, Practical API Hacking,		API Pentration Testing, OWASP API Security Top 10 and Beyond, API Security for PCI Compliance
Awards	1st Place in CypherHack Security Hackathon	2nd Runner up in Bug Bounty out of 50 teams	45th position out of 500 teams
	FCRIT	ContentStack	RESETHACKER
	made a Remote Automated Vulnerability Assessment tool using a Pi Device		12 hour RESTCON CTF
Publications	CVEdB		
in International Journal of Advanced Research in Technology and Engineering			