

<div><div>Kaustubh Rai</div><div>Security Engineer 1</div><div><div>+91 8149791460</div><div>@ raikaustubh12@gmail.com</div><div>https://raikaustubh.com/</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		Feb 2024 - Present
	Security Engineer 1		
	<ul style="list-style-type: none">Promoted to Security Engineer 1, for exemplary security reviews during critical periods, expertise in security practices and leadership in application security initiatives.Revamped ContentStack's security strategy across Web and API. Strengthening the company's security posture and asserting its status as a secure, composable DXP provider.		
	Associate Application Security Engineer		July 2022 - Feb 2024
	<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 framework 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.		
	Technical Consultant		Feb 2022 - July 2022
	<ul style="list-style-type: none">Performance optimisations for ContentStack's CDN, achieving a 20% improvement in content delivery speed to global customers.Code reviews across 50,000+ LoC, identifying and mitigating security vulnerabilities, which resulted in a 30% enhancement in platform security.Designed and executed performance load tests, simulating up to 10x normal traffic, which helped identify and resolve performance bottlenecks.		
	Education	Univerisity of Mumbai	2022
	Computer Engineering	BTech	
Projects	Rahasya - Docker	Security Scripts - Burpsuite	Image Authenticity Checker - TensorFlow, Keras
	Secret Scanning Automation Tool	Automated detection of security lapses and vulnerabilities during VAPT	ML image verifier to detect alterations
Skills	Security & Pentesting		Development & Scripting
	Web & API Hacking, OWASP Top 10, Automation		Python, Bash, PowerShell MongoDB, JavaScript
	DevOps & Tools		Cloud & Monitoring
	Linux, Docker, Kubernetes, VMware, Postman, BurpSuite, Git/Github		AWS WAF, Inspector, Data Dog, Splunk, SentinelOne
Professional Development	Breachforce	Jan 2024 - Present	PortSwigger Academy
	CoFounder		Actively solving labs with detailed blog documentation of each lab.
	Lead monthly cybersecurity meetups and manage blog content		
	APISEC University		TCM Security
	API Penetration Testing, OWASP API Security Top 10 and Beyond, API Security for PCI Compliance		Practical Ethical Hacking, Practical API Hacking,
	Cybrary		
	Network Fundamentals, Comptia A+ 901AA, Comptia Network+		
Awards	1st Place in CypherHack Security Hackathon	2nd Runner up in Bug Bounty out of 50 teams	5th position out of 500 teams
	FCRIT	ContentStack	RESETHACKER
			12 hour RESTCON CTF
Publications	International Journal of Advanced Research in Technology and Engineering		
	CVEdB		