

<div><div>Kaustubh Rai</div><div><div>+91 8149791460</div><div>@ k.raikaustubh@gmail.com</div><div>https://raikaustubh.com/</div></div></div>			
Summary	Offensive Security Engineer with 3 years of experience in vulnerability assessments, red teaming, cloud infrastructure security, and secure SDLC automation.		
Experience	<div>ContentStack</div> <div>Product Security Engineer</div> <div><ul style="list-style-type: none"><li>Performed offensive security assessments across cloud infrastructure, APIs, web apps, and internal SDKs; identified and remediated vulnerabilities including business logic flaws and access control issues.</li><li>Developed an internal <b>API security automation framework</b> integrated into GitOps-based pipelines, reducing manual effort by 60% and improving exploit detection rates.</li><li>Identified and triaged critical vulnerabilities in legacy production systems. Acted as a <b>Security Champion</b>, consulting with engineering teams on secure architecture design, threat modelling, and mitigation strategies pre-release.</li><li>Led internal security audits across major products like CMS, Marketplace, Automation Hub, Launch, Brand Kit, and Personalization. Created internal tooling for token automation, fuzzing, and endpoint enumeration.</li></ul></div>	July 2022 - Present	
	<div>Technical Consultant</div> <div><ul style="list-style-type: none"><li><b>Optimized security and performance</b> for ContentStack’s CDN, leading to a increase in content delivery speed and a 20% reduction in load times, directly improving user experience for global customers.</li><li><b>Code reviews across 50,000+ LoC</b>, identifying and mitigating security vulnerabilities, which resulted in a 30% enhancement in platform security.</li><li>Generated SAST reports and contributed to secure deployment practices, working closely with DevOps teams.</li></ul></div>	Feb 2022 - July 2022	
	<div>Univerisity of Mumbai</div> <div>Computer Engineering</div>	2022 BTech	
Projects	<div>Rahasya - Docker</div> <div>Secret Scanning Automation Tool to enhance Secure Code Review processes</div>	<div>Security Scripts - Burpsuite</div> <div>Authored a collection of BurpSuite bChecks to detect security misconfigurations in CI/CD deployed APIs.</div>	<div>Image Authenticity Checker - TensorFlow, Keras</div> <div>ML image verifier to detect alterations</div>
Skills	<div>Offensive Security</div> <div>Red Teaming, Threat Simulation, Vulnerability Research, CVE Discovery (internal)</div>	<div>Application Security</div> <div>SAST, DAST, VAPT, Secure Code Review, API Testing (REST/GraphQL), Mobile Security</div>	
	<div>Cloud &amp; Infra</div> <div>AWS, Docker, Kubernetes (basic), GitOps CI/CD pipelines</div>	<div>Tooling &amp; Languages</div> <div>Burp Suite, ZAP, Postman, Python, Bash, Nuclei, Semgrep, Go, JavaScript</div>	
Professional Development	<div>Breachforce</div> <div>Co-founder &amp; Technical Lead</div> <div>Organizer of monthly security workshops and CTFs in Mumbai. Built and maintain the infrastructure for the community's blog and tooling.</div>	<div>Jan 2024 - Present</div>	<div>PortSwigger Academy</div> <div>Advanced Web Security, Business Logic, SSRF, Race Conditions</div>
	<div>APISEC University</div> <div>API Penetration Testing, OWASP API Security Top 10 and Beyond, API Security for PCI Compliance</div>		<div>HackTheBox</div> <div>In Progress : CPTS Certification</div>
Awards	<div>1st Place in CypherHack Security Hackathon</div> <div>FCRIT</div>	<div>2nd Runner up in Bug Bounty out of 50 teams</div> <div>ContentStack</div>	<div>5th position out of 500 teams</div> <div>RESETHACKER</div> <div>12 hour RESTCON CTF</div>