

<div><div>Kaustubh Rai</div><div>Security Engineer 1</div><div><div>+91 8149791460</div><div>@ k.raikaustubh@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	<div>ContentStack</div> <div>Security Engineer 1</div> <div><div><div></div><div></div></div><div><ul style="list-style-type: none">• Drove security initiatives across all ContentStack products, including the core CMS, Launch, Automation Hub, Marketplace, Brand Kit and Personalize.• Executed comprehensive security audits and implemented advanced security controls across multiple integrated services, leading to a 40% reduction in post-deployment security incidents.• Collaborated closely with development teams, providing expert guidance on vulnerability remediation and secure coding practices.</div></div>		Feb 2024 - Present
	<div>Associate Application Security Engineer</div> <div><div><div></div><div></div></div><div><ul style="list-style-type: none">• Conducted end-to-end security testing (VAPT, SAST, DAST, SCA, Manual Code Review) on over 500+ RESTful and GraphQL APIs across ContentStack's suite of services.• Developed an automated API security testing framework that decreased testing cycle times and increased detection efficiency by 50%.• Lead security auditor for 30+ applications within ContentStack's Marketplace, Launch, and Automation Hub ecosystems, reducing the time-to-market for new features by 30% through streamlined security processes.</div></div>		July 2022 - Feb 2024
	<div>Technical Consultant</div> <div><div><div></div><div></div></div><div><ul style="list-style-type: none">• Optimized security and performance 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.• 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.</div></div>		Feb 2022 - July 2022
Education	<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>Automated detection of security lapses and vulnerabilities during DAST & VAPT</div>	<div>Image Authenticity Checker - TensorFlow, Keras</div> <div>ML image verifer to detect alterations</div>
Skills	<div>Security & Pentesting</div> <div>Web & API Hacking, OWASP Top 10, Automation</div>		<div>Development & Scripting</div> <div>Python, Bash, PowerShell MongoDB, JavaScript</div>
	<div>DevOps & Tools</div> <div>Linux, Docker, Kubernetes, VMware, Postman, BurpSuite, Git/Github</div>		<div>Cloud & Monitoring</div> <div>AWS WAF, Inspector, Data Dog, Splunk, SentinelOne</div>
Professional Development	<div>Breachforce</div> <div>CoFounder</div> <div>Lead monthly cybersecurity meetups and manage blog content</div>		<div>PortSwigger Academy</div> <div>Actively solving labs with detailed blog documentation of each lab.</div>
	<div>APISEC University</div> <div>API Penetration Testing, OWASP API Security Top 10 and Beyond, API Security for PCI Compliance</div>		<div>TCM Security</div> <div>Practical Ethical Hacking, Practical API Hacking,</div>
	<div>Cybrary</div> <div>Network Fundamentals, Comptia A+ 901AA, Comptia Network+</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>
Publications	<div>International Journal of Advanced Research in Technology and Engineering</div> <div><u>CVEdB</u></div>		