

# Athul Prakash NJ

Security Researcher

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Education	<b>Muthoot Institute Of Technology And Science</b> Computer Science & Cyber Security <a href="https://mgmits.ac.in/">https://mgmits.ac.in/</a>			October 2023 - Present BTech
Experience	<b>Fetlla</b> Security Engineer and Developer <a href="https://www.fetlla.com/">https://www.fetlla.com/</a> <ul style="list-style-type: none"><li>Created custom <b>Nuclei templates</b> to automate detection of vulnerable WordPress plugins.</li><li>Published multiple <b>CVE exploits on Exploit-DB</b> using reverse engineering and offensive testing techniques to contribute to the infosec community.</li><li>Built <b>5+</b> Boot2Root CTF labs and challanges using Docker &amp; Vagrant with vulnerabilities like <b>SSRF</b>, <b>IDOR</b>, and <b>XSS</b></li><li>Provided ongoing <b>technical support and mentorship</b> within Fetlla's security community, improving team problem-solving and lab quality.</li></ul>			Jun 2023 - Present Kerala
	<b>VDP Programs</b> Bug Bounty <ul style="list-style-type: none"><li>Reported <b>Account Takeover</b> and <b>Business Logic bugs</b> in <a href="https://aglasem.com">aglasem.com</a> affecting user privilege flows.</li><li>Found <b>Authentication Bypass</b>, <b>Rate Limiting flaws</b>, and <b>Account Takeover</b> in <a href="https://embibe.com">embibe.com</a>.</li><li>Reported <b>IDOR</b> and <b>Account Takeover</b> in <a href="https://kuula.co">kuula.co</a>.</li><li>Identified <b>Reflected XSS</b> in <a href="https://wallpapercave.com">wallpapercave.com</a> affecting thousands of users.</li><li>Gained <b>root access</b> to scammer infrastructure and cloud assets; disclosed and assisted <b>Kerala Police</b>.</li><li>Reported <b>Open Redirection</b> in a <b>Next.js</b> application (Private BBP).</li></ul>			Jan 2023 - Present India
	<b>MITs</b> Developer <a href="https://mgmits.ac.in/">https://mgmits.ac.in/</a> <ul style="list-style-type: none"><li>Conducted <b>authorized security assessment</b> of the campus network.</li><li>Exploited <b>Hikvision CVE-2017-7921</b> to access internal CCTV feeds.</li><li>Achieved <b>root access</b> on vulnerable systems via privilege escalation.</li><li>Coordinated with authorities to <b>patch and secure</b> affected systems.</li></ul>			Oct 2023 - Present Kerala
Certifications	<b>Certified AppSec Practitioner (CAP)</b> The SecOps Group <a href="https://secops.group/">https://secops.group/</a>			March, 2024
Awards	<b>1st place in HackAtArch</b> GEC Thrissur and TinkerHub	March 2025	<b>1st in National Level Hackathon</b> IEEE SB MITs	January 2025
	<b>1st Place in Intercollege CTF</b> MITs	March 2024	<b>Best Product Development Award</b> MITs - AY 2023-24	July 2024
Projects	<b>Exploits Developed &amp; Published</b> <a href="https://www.exploit-db.com/exploits/51711">https://www.exploit-db.com/exploits/51711</a> <a href="#">CVE-2022-25148</a> and <a href="#">CVE-2022-25149</a> . Exploit for WP Statistics Plugin <= 13.1.5 ip & current_page_id - Time based SQL injection (Unauthenticated). exploit, cve, SQL, injection <b>VulnPal</b> Created a Linux Box embedded with Drupal which has a Severe RCE Vulnerability along with a Potential Privialge Escalation <a href="https://tryhackme.com/r/room/fetllavulnpal">https://tryhackme.com/r/room/fetllavulnpal</a> <b>PwnPortal</b> Created a Linux Box embedded with a custom admin portal which have a real life based OS injection RCE and a custom privilage escalation potential. <a href="https://drive.google.com">https://drive.google.com</a>			
Publications	<b>WP Statistics - Time based SQL injection</b> Exploit DB <a href="https://www.exploit-db.com/exploits/51711">https://www.exploit-db.com/exploits/51711</a>			February 2022
	<b>Attacking Home Routers: The ROM-0 Vulnerability [With Exploit]</b> Medium <a href="https://medium.com/@psychoSherlock/attacking-home-routers-the-rom-0-vulnerability-with-exploit">https://medium.com/@psychoSherlock/attacking-home-routers-the-rom-0-vulnerability-with-exploit</a>			April 2023
	<b>Choosing your exploits</b> Medium <a href="https://medium.com/@psychoSherlock/choosing-your-exploits">https://medium.com/@psychoSherlock/choosing-your-exploits</a>			July 2023
Skills	<b>Ethical Hacking</b> networking, exploit, development, cloud, android, linux	<b>VAPT</b> linux, windows, security, server, web application, burpsuite, sql injection, idor, xss, ssti, ssrf, csrf, buisness logic, frida, nmap	<b>Python &amp; JavaScript</b> Automation, Selenium, Web Scraping, Flask, FastApi, React, React Native, Vite, NextJs	