

# AYON CHAKRABORTY

Kolkata, India

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## OBJECTIVE

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Aspiring Cybersecurity Engineer with a strong foundation in penetration testing, web security, and secure software development. Passionate about identifying vulnerabilities, improving security posture, and building resilient applications. Seeking an opportunity to apply my technical expertise in a challenging cybersecurity role while continuously learning and growing in the field.

## EDUCATION

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<b>Master of Computer Applications</b> , Sister Nivedita University	2023-Present
<b>Bachelor of Computer Applications</b> , Adamas University - <b>8.24 CGPA</b>	2020 - 2023

## SKILLS

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<b>Cybersecurity</b>	Penetration Testing, Exploit Development, Security Automation
<b>Security Tools</b>	Burp Suite, Metasploit, Nmap, Wireshark, Hashcat, SQLMap
<b>Programming</b>	Python, JavaScript (MEVN Stack), TypeScript, Shell Scripting
<b>DevOps &amp; Cloud</b>	Docker, AWS, Linux, Git, CI/CD Pipelines
<b>Database &amp; Web APIs</b>	PostgreSQL, MongoDB, Redis, REST

## INTERNSHIP

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<b>CyberSecurity Engineer - Internship</b>	Sep 2022 - Nov 2022
Sketch Me Global	Kolkata, India

- Conducted 20+ web application penetration tests, identifying critical security vulnerabilities such as SQLi, RCE, XSS, and IDOR.
- Automated security testing workflows, reducing manual effort by 40% and improving efficiency.
- Led a team of three junior testers, enhancing productivity by 25%.

## ACTIVITIES & ACHIEVEMENTS

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- Recognized by leading organizations such as [Paytm](#), [Issuu](#), [Intel](#), [GeeksForGeeks](#), [SencoGold](#), and others for identifying critical security vulnerabilities in their systems, contributing to enhanced cybersecurity measures across diverse platforms.
- Assisted security teams with risk assessments and penetration testing during internships, balancing academics with security research and vulnerability disclosure.

## PROJECTS

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- **Unione:** Built a secure university management system with authentication, role-based access, and encryption, protecting against SQL Injection and XSS. Earned Outstanding grade and university-wide adoption([Code](#))
- **TenderPoint:** Scrapes and centralizes tender data, enabling management with filters, downloads, and more. ([Live](#))
- **RetailFlow:** Enhances stock tracking, invoicing, and reporting with security features like input validation, rate limiting, and encryption. ([Code](#))
- **ApiSure:** Automates API testing with schema validation, CI/CD integration, and response monitoring, ensuring security with OWASP API Top 10 compliance and vulnerability detection. ([Code](#))
- **Micro-Projects:** A collection of practical scripts, including a pentesting automation tool, price comparator, and PostgreSQL schema generator, among others.. ([Available Here](#))