

# Aljin Jayan

CYBERSECURITY ENTHUSIAST

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## Profile

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Motivated B.Tech graduate in Computer Science and Engineering (Cybersecurity) with hands-on experience in cybersecurity tools, web development, and DevOps practices. Skilled in securing digital assets, penetration testing, and delivering innovative software solutions, with a proven track record in leadership and team collaboration.

## Education

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**Ilahia College of Engineering and Technology, Kerala** 2021 – 2025  
B.Tech in Computer Science and Engineering (Cybersecurity)

## Projects

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**Website Defacement Detection and Prevention System (DefenX)** 2025  
Developed an API-based browser extension for real-time detection and prevention of website defacement using machine learning.

- Python, APIs, Machine Learning

**AI News Agent (Vartha Agent)** 2025  
Built an AI-powered news agent using Google ADK and Gemini model to deliver real-time, curated news in Malayalam with natural language processing.

- Google ADK, Gemini Model, NLP

## Professional Experience

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**Cybersecurity Intern**, Pacelab, Kerala Jun 2023 – Aug 2023  
Conducted vulnerability assessments using Nmap and Wireshark to enhance system security and mitigate risks like phishing and social engineering.

**DevOps Intern**, Catalist ERP Solutions, Aluva, Kerala May 2025 – Jul 2025  
Automated software development workflows using GitHub and Docker, improving deployment efficiency by 20% and supporting CI/CD pipelines.

## Leadership & Activities

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**Creative Innovation Lead**, IEDC, ICET 2024 – May 2025  
Led community initiatives focusing on leadership development, networking, and collaborative learning for over 100 students.

**Chairman**, Association of Department AI CC 2021 – May 2025  
Directed initiatives in artificial intelligence and cybersecurity, fostering innovation and collaboration among 50+ members.

**Tech Lead**, Game Development Club 2024 – May 2025  
Mentored students in game development using Unity and JavaScript, contributing to 3 successful club projects.

## Skills

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- **Programming Languages:** C, Python, HTML, CSS, JavaScript
- **Cybersecurity Knowledge:** Networking Basics, Linux CLI, System Security, Penetration Testing (Beginner)
- **Tools:** Wireshark, Nmap, GitHub, Virtual Machines (e.g., VirtualBox, VMware)
- **Soft Skills:** Leadership, Time Management, Problem-Solving, Multitasking

## Languages

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- English: Professional Proficiency, Malayalam: Native Proficiency