

# PATHAN NAFIL F

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## EDUCATION

Sri Shakthi Institute of Engineering and Technology B.E. Computer Science Engineering (Cyber Security): CGPA: 7.93/10	Sep 2023 - Sep 2027 Coimbatore, India
Infant Jesus Matriculation Higher Secondary School HSC: Grade: 82.6%	Devakottai, India June 2022 - Apr 2023

## SKILLS

- Programming Languages:** C, Java, Python, JavaScript
- Frameworks:** Flask
- Tools & Tech:** Git, Linux
- Front-End:** HTML, CSS, JS, Flutter
- CyberSecurity-Tools:** Wireshark, NMap
- Graphic Designing**

## PROJECTS

### Automated Vulnerability Assessment and Penetration Testing for Web Applications | Burp Suite, OWASP Top ZAP, Python: Oct 2024

- Created a tool to scan web applications for security issues like XSS and SQL Injection using Python, Burp Suite, and OWASP ZAP.
- Saved 60% of testing time by automating scanning and validation steps.
- Wrote easy-to-understand reports explaining each problem, its impact, and how to fix it.

Link: [vulnerability scanner](#)

### Vulnerability Scanner for Files

April 2024

- Built a File Vulnerability & Malware Scanner using Python and Flask to detect malicious code and vulnerabilities in uploaded files.
- Automated file analysis and provided instant results, reducing manual inspection efforts by ~65%.
- Designed a Flask-based frontend for users to upload files and view detailed security reports.
- Generated clear, actionable reports highlighting detected threats, potential risks, and recommended fixes.

Link: [vulnerability scanner for files](#)

### FarmerApp for Farmers

Jun 2025

- Developed a Farmers Assistance App using Flutter to help farmers access vital agricultural information • Integrated features for real-time weather updates, nearby agriculture store locator, and government schemes.
- Built an easy-to-use mobile interface to improve accessibility for farmers with minimal technical knowledge.
- Enhanced farmers' decision-making by providing reliable and localized information in one platform.

Link: [farmerApp](#)

## PUBLISHED

- International Journal of Research Publication and Reviews, Vol 5, no 12, pp 3056-3060 December 2024
- Research and Reviews: Advancement in Cyber Security Volume 2 Issue 3, e-ISSN: 3048-6343 Sep-Dec, 2025

## CERTIFICATIONS

- NPTEL Cloud Computing
- Foundations of Cyber Security (Google)
- Networking Course (Cybrary)