

ATHARVA KANAWADE

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[LinkedIn](#) | [GitHub](#) | [Blogger.com](#) | [CTF Writeup](#)

SUMMARY

Absolute learner and cybersecurity enthusiast with hands-on experience in **network security**, **penetration testing**, and **cloud defence**. Skilled in **vulnerability assessment**, **threat detection**, **SIEM practices**, and **secure coding**. Passionate about tackling real-world cyber threats through continuous learning and innovation.

EDUCATION

Marathwada Mitra Mandal's College of Engineering, Pune.	Nov 2022 - Jun 2026
Bachelor of Engineering in Electronics and Telecommunication (CGPA: 9.02)	
Shramik Junior College, Sangamner.	Sep 2020 - Jun 2022
Higher Secondary Certificate (66.17 %)	
Dr. B.G. Dere English Medium School, Sangamner.	Jun 2007 - Jun 2020
Secondary School Certificate (87.80 %)	

EXPERIENCE

R&D Intern - Encrypta Inc.	Dec 2024 - Mar 2025
Engineered a secure desktop authenticator using Python , Node.js and Electron.js strengthening local authentication.	
Integrated HTTPS and WebSocket protocols to enable encrypted real-time data transmission with zero data leaks in testing.	
Implemented multi-factor authentication and secure coding practices, boosting login security by 70% and reducing attack vectors.	

LICENSES AND CERTIFICATIONS

Cisco Certified Network Associate (CCNA) by Cisco	May 2025
Google Cybersecurity Professional Certificate by Google and Coursera	Jul 2024
Cisco's Network Essentials by Cisco	Jun 2024

PROJECTS

ARTEMIS (Advance Reactive Threat Elimination and Monitoring Integrated System) [GitHub]	Jun 2025
Designed an ESP8266/ESP32-based system blocking 85%+ de-authentication attacks and enhancing wireless security.	
Deployed AWS EC2 honeypots to log malicious traffic and extract actionable threat patterns.	
Built a lightweight WAF with SQLi/XSS blocking , real-time alerts, rate limiting, and 95% phishing detection accuracy using Naive Bayes.	

Tech Stack: **ESP8266, Esp32, Python, Scikit-learn, Flash, AWS EC2, SMTP**

ResponseForge [Github]	Mar 2025
Built a React-based web app to auto-generate NIST SP 800-61 compliant Incident Response Plans tailored to company inputs.	
Automated plan creation, cutting manual effort by 90% and enabling ready-to-deploy PDF exports in under 2 minutes.	

Tech Stack: **React.js, JavaScript, HTML/CSS, GitHub**

SKILLS

Programming & Scripting: Python, Bash, C++, Java, HTML/CSS/JavaScript
Operating Systems & Tools: Linux (Ubuntu), Git, VS Code
Cloud & DevOps: AWS, Docker, GitHub Actions
Web Technologies: React, Flask, REST API
Cybersecurity Tools & Techniques: Vulnerability Assessment, Web Application Firewall (WAF), Honeypots, Nmap, Burp Suite, SQLi/XSS Detection, Incident Response Basics

ACHIEVEMENTS

- Winner** in Capture the Flag (CTF) at NigVanta'25
- Winners** at Innovators Challenge 2k24: 24 Hour Hackathon