

# Jay Daiya

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## Professional summary

Final-year Computer Engineering student specializing in **Cybersecurity, AI, and IoT**. Hands-on experience with **BurpSuite, Python, and Arduino** for building secure web apps, IoT prototypes, and AI solutions. Proven ability to identify vulnerabilities (OWASP Top 10) and develop practical tools (e.g., AI Resume Scanner). Seeking internships/full-time roles to leverage technical skills in cybersecurity and automation.

## Education

Bachelor of Engineering in **Computer Engineering**

Sardar Patel College of Engineering | 2021-2025 | CGPA: 8.26/10

## Internships

1. Cybersecurity Intern – Hacktify Cybersecurity (*Feb 2025 – Mar 2025*):
  - One-month virtual internship by Mumbai based cybersecurity company named “Hacktify Cybersecurity”.
  - Practiced on live labs for OWASP top 10 vulnerabilities using various Linux tools.
  - Gained practical experience in identifying & reporting HTML/SQL Injection, XSS, IDOR vulnerabilities.
  - Solved CTF (Capture The Flag) labs to gain experience of real-world scenarios.
2. AI: Transformative Learning Intern – TechSaksham + Microsoft + SAP (*Feb-March 2025*):
  - Completed internship on AI: Transformative Learning with TechSaksham – A joint CSR initiative of Microsoft & SAP, implemented by Edunet Foundation.
  - Learned AI model development & responsible AI deployment principles.

## Technical Projects

1. **AI Resume Scanner (Internship project, Feb-March 2025)**: Built AI tool to screen and rank resumes based on job relevance. Reduced manual effort by 60% using NLP &

keyword matching algorithms. Deployed on Render, removed Streamlit dependency for better UI/UX and hosting.

Technologies used: Python, Streamlit, Render, AI, Resume Parsing

2. **IoT-Based Water Level Monitoring System (April 2025):** Realtime tank level monitoring system with motor control. Designed user interface for manual control via web. Power efficient prototype built under Rs.1000.

Technologies used: Arduino IDE, NodeMCU ESP8266, Ultrasonic sensor, Web dashboard

3. **AI Fashion Recommendation System (April 2025):** Built male outfit recommender using python with inputs like skin tone, body type, occasion. Integrated basic AI model logic using conditional filters & if-else rules. Working on real-time camera input for future extension

## Certificates:

1. Cyber Security & Penetration Testing Internship by **Hacktify Cybersecurity**. (April-2025)
2. Cybersecurity Fundamentals by **IBM**. (Sep-2024)
3. Cybersecurity job simulation by **Mastercard**. (Feb-2025)
4. FCF - Technical Introduction to Cybersecurity 1.0 Self-Paced by **Fortinet**. (Oct-2024)
5. Introduction to Cybersecurity by **Cisco**. (April-2025)
6. AI Internship by **TechSaksham + Microsoft + SAP**. (May-2025)
7. AI for Entrepreneurship by **Intel**. (March-2025)

## Skills

- Programming: Python, C, C++, JavaScript, Java, PHP, HTML, CSS, MySQL
- Cybersecurity Tools: BurpSuite, Wireshark, Metasploit, Nmap, Kali Linux
- IoT/Hardware: Arduino, Raspberry Pi, NodeMCU, Sensor Integration
- Frameworks/Concepts: OWASP top 10, IoT prototyping, NLP, Web hosting, DOTNET

## Languages

- English: Professional Working Proficiency
- Hindi: Fluent
- Gujarati: Fluent

- Marwari: Native

## **Interests**

- Cybersecurity
- IoT
- AI
- Ethical hacking
- DOTNET