

PIYUSH GATTANI

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SUMMARY

IT security professional with expertise in penetration testing, vulnerability assessment, and ethical hacking. Certified Ethical Hacker (CEH) with hands-on experience in programming, web development, and security systems. Proficient in identifying security risks and implementing mitigation strategies to enhance IT infrastructure.

EDUCATION

JAIN University

Master of Computer Application - ISMS; SGPA: 6.68 (Sem 2)

Bengaluru, India

August 2023 - May 2025

Thakur Collage of Science and Commerce

Bachelor of Commerce - Computer Application; CGPA: 8.18

Mumbai, India

June 2019 - March 2022

SKILLS

- **Languages:** Python, JavaScript, SQL, PHP, Java, HTML/CSS, Bash/Shell Scripting
- **Frameworks:** Flask, SQLAlchemy, OWASP, NIST, Mitre Attack, CIS Controls
- **Tools:** Metasploit, NMAP, Tenable Nessus, SQL Map, Wireshark, Burp Suite
- **Platforms:** AWS, GCP, Kali Linux, Docker, MySQL, WordPress
- **Soft Skills:** Problem-solving, Analytical thinking, Project management, Innovative solutions
- **Publications:** [DEFENDING THE DIGITAL FRONTIER](#)

WORK EXPERIENCE

Web Developer Intern - APC, Mumbai, India

November 22 - March 23

- Designed and implemented website features, improving performance by 25%.
- Integrated APIs to enhance functionality and resolved bugs, ensuring seamless operations.

Freelance Web Developer - Self-Employed, Remote

August 20 - June 22

- Developed responsive websites for diverse clients, increasing site traffic by 30%.
- Optimized page load speeds, achieving a 20% reduction in loading times.

PROJECTS

- **Port Scanner Tool:** Developed a Python-based port scanner to identify vulnerabilities.
- **Phishing Email Detection Tool:** Created a system for identifying and mitigating phishing attempts.
- **Web-Based Bug Detection Tool:** Ensured compliance with modern web standards by identifying website issues.
- **Password Strength Checker:** Built a tool analyzing password complexity and providing real-time suggestions.

CERTIFICATIONS

- **Certified Ethical Hacker (CEH V10)** - 2021
- **PwC US Cybersecurity Consulting Job Simulation (Forage)** - January 2025
- **Mastercard Cybersecurity Virtual Experience (Forage)** - January 2025
- **Hackershala Security Professional** - 2024
- **Pentester Lab Certified** - 2024