KUSHAL PIPALIYA

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🌐 Search Kushal Pipaliya

ABOUT ME

I'm an IT professional with a web development background, now focusing on cybersecurity to deepen my skills in network security, vulnerability assessment, and SOC Analysis. Skilled in Python, React.js, Tailwind CSS, and Firebase, I'm passionate about building secure applications, monitoring security incidents, and exploring ethical hacking and VAPT. With strong analytical and problem-solving abilities, I'm dedicated to learning and tackling modern cybersecurity challenges.

EXPERIENCE

Self-Driven Sept 2018 - Oct 2022

- Conducted research and projects in ethical hacking, network security, and VAPT.
- Built tools like a vulnerability scanner and phishing email detection system, enhancing my skills in automation and penetration testing.
- Gained hands-on experience through TryHackMe, private labs, and Python scripting for security automation.

Internship at First Quadrant Labs Ongoing

- Currently pursuing an internship at First Quadrant Labs.
- Completed the first task: Automatic Fan Testing Framework, built using React.js, Firebase, and Python API for backend validation.
- Improved my skills in full-stack development, API creation, and automated testing frameworks.
- Project Link

EDUCATION

Bachelors Degree in BSc.IT

- Uka Tarsadia University (Jun 2021 - March 2024)

Cyber Security & Ethical Hacking

- Boston Institute of Analytics (2024)

LANGUAGES

- English
- Hindi
- Gujrati

PROJECTS

Smart Learning with KHP (React.js, Firebase, Tailwind CSS)
- Developed a cybersecurity education platform providing free resources on ethical hacking, penetration testing, SOC analysis, and general cybersecurity topics.
- Offers real-world practical content, including short-form and in-depth guides on the latest cybersecurity threats and defenses.
- Improved React.js development, Firebase integration, content structuring, and cybersecurity education methodologies.
- Website: Smart Learning with KHP

Vulnerability Scanner (Python, CLI Development)
- Built a command-line tool for system vulnerability detection and automation.
- Learned automated security testing, improved Python scripting, and enhanced system security knowledge.
- GitHub

Phishing Email Detection System (Python)
- Created a system to detect phishing attempts and enhance cybersecurity awareness.
- Gained knowledge in email security, machine learning, and cybersecurity awareness.
- GitHub

🔗 More Projects: Portfolio Link

SKILLS

- Cybersecurity (VAPT, Network Security, Ethical Hacking)
- SOC Analysis (SIEM Tools, Threat Detection, Log Correlation, Incident Response)
- Web Development (React.js, Tailwind CSS, Firebase, PHP, ASP.NET)
- Programming & Automation (Python, Bash, CLI Development)
- Problem Solving & Analytical Thinking
- Team Collaboration & Communication
- SEO & Technical Solutions