Kushal Pipaliya

Offensive Security Enthusiast

Seeking a position that allows me to leverage my cybersecurity skills and contribute to digital security solutions.

Contact

LinkedIn : linkedin.com/in/kushal-pipaliya
Portfolio : Kushal Pipaliya
Email : kushalhpipaliya01@gmail.com

Work Experience

Cybersecurity Intern

First Quadrant Labs | 2024 - Present
- Currently pursuing an internship focused on cybersecurity and full-stack development
- Developing and implementing automated cybersecurity testing frameworks, improving security efficiency by 35%
- Creating robust APIs and integrating security features into web applications
- Contributing to the development of cybersecurity automation tools to enhance threat detection accuracy by 40%
- Collaborating with senior developers to improve security testing methodologies

Web Development & Cybersecurity Tools

Self-Taught | 2023 - Present
- Developed and launched practical, real-world web applications, actively used by diverse users
- Mastered React.js and Tailwind CSS to build modern, responsive interfaces, improving user engagement by 50%
- Implemented secure backend systems using Firebase and SQL databases, ensuring data integrity
- Created user-friendly projects recognized for their simplicity and efficiency
- Actively contributed to open-source projects, implementing security best practices in web development

Cybersecurity Tool Developer

Independent Projects | 2022 - Present
- Designed and implemented advanced tools for threat detection and vulnerability analysis, reducing false positives by 30%
- Developed automated network scanning and security assessment tools to streamline security audits
- Built a secure educational platform to teach cybersecurity concepts interactively
- Integrated robust security features and authentication systems into applications, enhancing access control accuracy by 45%
- Engaged with security communities to share knowledge and refine security tools

Educational Background

Bachelor of Science in Information Technology,

Uka Tarsadia University
Jun 2021 - March 2024

Languages

- English | Hindi | Gujrati

Skills

Technical Skills

Information Security
- AppSec Penetration Testing/VAPT/WAPT for Web and Thick Clients
- DevSecOps
- Source Code Review
- Threat Research, Threat Modeling
- Security Policy Development

Tools

- DAST: BurpSuite
- SAST/OSA: Snyk, Checkmarx, Sourceclear.
- Pentesting: BurpSuite, Postman
- Operational: ServiceNow

Programming

- Python, Bash , PHP
- C, Javq , C# , Javascript

SOFT SKILLS

- Critical Thinking
- Problem-Solving
- Effective Communication
- Team Collaboration

Certification/Courses

- Cyber Security & Ethical Hacking - Boston Institute of Analytics (2024)

PROJECTS

- Smart Learning with KHP (React.js, Firebase, Tailwind CSS) - Website: Smart Learning with KHP
- Automated Penetration Testing Framework (React.js, Firebase, Python API) : APTF
- Vulnerability Scanner (Python, CLI Development) : GitHub
- More Projects: Portfolio Link