JAYESH KAITHWAS

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EDUCATION

High School *May-2022*
- Stream: Science + Maths
- Percentage: 69.15

IANT (Institute of Advance Networking Technology) *Sep-2023*
- Course: CSP (Certified Software Programmer)
- Grade: A

EXPERIENCE

Customer Support Engineer *Dec 2013 - July 2024*
- Analyzed technical requirements, solved detailed technical problems, and provided solutions.
- Gain in-depth understanding of technical issues.
- Understanding of databases, networks and software architecture.
- Develop creative and effective support strategies.

Freelancer *Aug 2014 - present*
- Developed custom software solutions, including a WhatsApp Bulk Messenger Chrome extension and a Lead Generator from Just Dial, enhancing clients' marketing and outreach capabilities.
- Designed and implemented an ERP system for Insurance Management, integrating finance, inventory, and CRM functionalities for streamlined business operations.
- Assisted clients in website setup, optimizing their online presence and improving security measures against cyber threats.
- Enhanced website security by conducting vulnerability assessments and implementing protective measures, ensuring data integrity and compliance with cybersecurity standards.

EXTRA CURRICULAR

Mastercard Cybersecurity virtual experience program on Forage *Feb-2025*
- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team.
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams.

CERTIFICATIONS

- Certified Ethical Hacker (CEH v12)
- Certified Appsec Practitioner (CAP)
- Certified Network Security Practitioner (CNSP)
- STAR Cyber Secure User - R 11
- STAR IT - Essential
- STAR C
- STAR C ++
- STAR Python
- STAR Secure Programmer Expert - PHP - R 11

PROJECTS

Personal Website   *https://jayeshkaithwas.github.io*

- Developed and maintained a personal website showcasing resumes, certificates, projects, and contact details in an organized and professional layout.
- Created a dedicated section called HackLab for posting blogs, saving notes, and sharing walkthroughs of Capture The Flag (CTF) challenges, demonstrating cybersecurity expertise and knowledge-sharing.
- Integrated responsive design and user-friendly navigation for enhanced user experience across all devices.

Python Scripts Repository   *https://github.com/jayeshkaithwas/Networking-Python*

- Developed a collection of Python scripts demonstrating various networking concepts and practical applications, including:
- TCP and UDP Communication: Implemented client-server communication models using TCP and UDP protocols.
- SSH Automation: Created scripts for remote command execution and secure communication via SSH.
- Proxy and Netcat Implementation: Designed custom proxy and Netcat tools for network communication and troubleshooting.
- Network Utilities: Built tools for network diagnostics, including a custom traceroute utility.

SOFT SKILLS

- Analytical Thinking
- Problem-Solving
- Communication Skills
- Adaptability
- Decision Making
- Continuous Learning

TECHNICAL SKILLS

- **ChatGPT** – Utilizing AI for cybersecurity insights and automation.
- **Cryptography** – Understanding of encryption techniques and secure communication protocols.
- **Docker** – Containerization and deployment of security tools.
- **Firewalls and Intrusion Detection Systems** – Configuration and monitoring for threat prevention.
- **GitHub** – Version control and collaborative development.
- **Linux** – Proficient in Linux administration and security configurations.
- **Networking Protocols** – Deep knowledge of TCP/IP, HTTP, DNS, and other protocols.
- **OWASP Top 10** – Identifying and mitigating common web application vulnerabilities.
- **Vulnerability Assessment** – Conducting security assessments and recommending remediations.