

JAYESH KAITHWAS

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EDUCATION

- **Higher Secondary School** *May-2020*
 - Percentage: 69.15
- **IANT (Institute of Advance Networking Technology)** *Sep-2023*
 - Course: CSP (Certified Software Programmer)
 - Grade: A

EXPERIENCE

- **Customer Support Engineer, Prompt ERP Ltd.** *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** *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.
- **Tata Cybersecurity Security Analyst Job Simulation** *Apr-2025*
 - Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
 - Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
 - Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

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.