

# JAYESH KAITHWAS

**LinkedIn:** [www.linkedin.com/in/jayeshkaithwas](https://www.linkedin.com/in/jayeshkaithwas)

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**WebSite:** [jayeshkaithwas.github.io](https://jayeshkaithwas.github.io)

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## EDUCATION

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- **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

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- **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

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- 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

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- 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

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### ● 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

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

## TECHNICAL SKILLS

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- **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.