

# Hasan Abdul Raqib Abdo Asaad

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**Cyberdefender:** <https://cyberdefenders.org/p/hasanasaad9#/overview>

**TryHackme:** <https://tryhackme.com/p/hasanasaad>

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## Summary

Experienced IT and Cybersecurity Instructor with 10+ years of expertise in networking, Linux administration, and information security. Specialized in Cisco technologies, ethical hacking, and SOC operations. Proven record of mentoring 500+ students toward global certifications (CCNA, CEH, RHCE) with a 90% pass rate. Adept at building secure infrastructures, designing virtual labs, and delivering hands-on cybersecurity training. Seeking to leverage strong technical and instructional skills in a role as an IT Specialist, Cisco Instructor, or Cybersecurity Trainer within a forward-thinking organization.

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## Work Experience

### **University of Science & Technology – Cisco Instructor**

*2014 – Present | Sana'a, Yemen*

#### **Key Responsibilities:**

- Delivered CCNA v5.6 and v7, CyberOps, and CCNA Security training to over 500 students.
- Designed and implemented virtual and physical labs using Packet Tracer and real Cisco routers/switches.
- Created customized evaluation systems and certification-aligned practice exams.
- Achieved an average 90% pass rate in internal networking exams.

### **University of Science & Technology – Cybersecurity**

*2021 – Present | Sana'a, Yemen*

#### **Key Responsibilities:**

- Trained students in Certified Ethical Hacker (CEH v11/v12), Certified Digital Forensic (CHFIv11) and Certified Network Defender (CND v1/v2) programs.

- Conducted red and blue team simulations, penetration testing workshops, and vulnerability assessments.
- Developed interactive SOC labs and threat analysis exercises based on real-world cyberattacks.

### **University of Science & Technology – Linux Instructor**

*2012 – Present | Sana'a, Yemen*

#### **Key Responsibilities:**

- Delivered Red Hat courses (RH033–RH253) and guided students for RHCSA and RHCE certifications.
- Managed Linux-based lab environments and provided training in Bash scripting and server configuration.

### **University of Science & Technology – Microsoft Instructor**

*2014 – 2021 | Sana'a, Yemen*

#### **Key Responsibilities:**

- Delivered Windows Server (2012–2019) and Microsoft Office training for students and staff.
- Designed and supervised labs for Active Directory, DNS, DHCP, and Group Policy management.

### **University of Science & Technology – Lecturer, Dept. of Computer Networks**

*2013 – Present | Sana'a, Yemen*

#### **Key Responsibilities:**

- Taught undergraduate courses in Operating Systems, LAN/WAN, and Information Security.
- Designed and updated curricula for networking and cybersecurity programs.
- Supervised student graduation projects and practical labs in advanced networking.

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## **Education**

- **Master's Degree in Computer Networks**  
University of Science & Technology, Yemen | 2015 – 2018
- **Bachelor's Degree in Computer Science (Network Specialization)**  
University of Science & Technology, Yemen | 2006 – 2009

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## **Certifications**

- **Cisco Certified Network Associate (CCNA v7).**
  - **Certified Ethical Hacker (CEH v11/v12)** – EC-Council.
  - **Certified Network Defender (CND v1/v2)** – EC-Council.
  - **Certified Digital Forensic (CHFIv11)** – EC-Council.
  - **Red Hat Linux (RH033–RH253).**
  - **Microsoft Windows Server (2012, 2016, 2019).**
  - **CompTIA Security+ (Expected: 2025).**
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## Projects

- **Keylogger Application (Python):** Developed a secure client-server keylogger using Python sockets for educational cybersecurity testing.
  - **Restaurant Ordering App (Flutter):** Created a cross-platform food ordering system with Firebase backend.
  - **Athkar Mobile App (Flutter):** Built an Islamic daily remembrance app with local data storage and notification reminders.
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## Publications

1. *A New Fault Tolerance Method for Single and Multiple Faults in MPLS Networks* – Springer Journal, 2018
  2. *Single Fault Tolerance Method for MPLS Networks* – Wireless Communication Technology, Singapore (Submitted, 2018)
  3. *An Efficient Routing Method for Protection Data Flow in MPLS Networks* – Journal of Science and Technology, UST Yemen (2017)
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## Core Technical Skills

- **Networking:** Cisco (CCNA v7, Routing & Switching), VLAN, OSPF, EIGRP, TCP/IP, DHCP, DNS, MPLS, LAN/WAN
  - **Cybersecurity:** CEH, CND, Penetration Testing, pfSense Firewall, Wireshark, OpenVAS, Nessus, SOC Labs, Security Awareness
  - **System Administration:** Red Hat Linux (RHCSA/RHCE), Windows Server (2012–2019), Ansible, Docker, VMware, Microsoft 365
  - **Programming & Tools:** Python (Django, Tkinter), Git, Flutter, Opnet Simulation, Network Monitoring, Virtual Labs
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## Languages

- **Arabic:** Mother tongue.
  - **English:** Fluent (Verbal & Written)- TOFEL Certificate
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## References

Available upon request.