

# ROYCE VINCENT CHUA

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## PROFESSIONAL SUMMARY

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IT generalist with five years of end-to-end troubleshooting as a sole technical resource, extending that operational background into network engineering and systems administration through an active homelab that integrates Windows Server 2022 with Debian Linux clients via Active Directory, Kerberos, and LDAP. ISC2 Certified in Cybersecurity (CC) with Cisco CCNA studies actively in progress (expected December 2026).

## CORE TECHNICAL SKILLS

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**Networking:** IPv4 and IPv6 subnetting, TCP/IP, DNS, DHCP, routing and switching fundamentals, SSH, Wireshark and tcpdump (packet analysis), nmap (network enumeration), ping, traceroute, netstat; familiar with AWS EC2, VPC, and IAM

**Operating Systems:** Linux (Debian and Ubuntu, daily driver), Windows Server 2022

**Systems Administration:** Active Directory (users, groups, OUs), Kerberos, LDAP, Bash, Zsh, and PowerShell scripting, virtualization (VirtualBox)

**Security:** Email authentication (SPF, DKIM, DMARC), structured troubleshooting and root-cause analysis

**Web and Tooling:** HTML, CSS, JavaScript, Hugo (static site generator), Git and GitHub, technical documentation

## TECHNICAL PROJECTS AND HOMELAB

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### Cross-Platform Active Directory and Linux Identity Lab 2025 to Present

- Designed and deployed a multi-node lab environment running Windows Server 2022 as a domain controller alongside 2 Debian Linux clients to simulate enterprise authentication scenarios.
- Joined Debian Linux clients to the Active Directory domain via SSSD, configuring Kerberos authentication, LDAP lookups, and the supporting DNS and time synchronization.
- Managed users, groups, and organizational units in Active Directory through both the management console and PowerShell cmdlets.
- Implemented host-based firewall rules on all Linux clients to restrict inbound traffic to authorized services only.
- Deployed Wazuh (open-source SIEM) for centralized log monitoring across Windows Server and Linux hosts, with correlation rules for real-time threat detection and alerting.

### CTF and Self-Directed Cybersecurity Practice Ongoing

- Active practitioner on HackTheBox, Root-Me, and Malware-Traffic-Analysis.net, covering offensive CTF challenges (network enumeration, service exploitation, privilege escalation) and defensive packet capture analysis.
- Applied nmap scanning techniques (timing control, decoy and idle/zombie scans) against vulnerable hosts, using Wireshark and tcpdump for traffic and PCAP analysis.

### Personal Portfolio Site and Email Infrastructure (rvmchua.com) 2025 to Present

- Built using Hugo (static site generator), with DNS, TLS, and CDN managed through Cloudflare, and automated deployments from a Git repository to Netlify.
- Configured SPF, DKIM, and DMARC for the domain's outbound email to align with the authentication baseline expected of professional sending domains.

## WORK EXPERIENCE

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### On-Call IT Support, Royce Print House (Family-Owned Business) Jan 2020 to Nov 2025

- Sole technical resource for the business, owning incident response across hardware, software, and the local network to keep daily print production running.
- Maintained operational continuity across five years, resolving all reported incidents in-house without external escalation.
- Configured and maintained the local network (SOHO router with managed switch) to keep production print operations running.
- Implemented anti-phishing filtering rules to reduce exposure to phishing and credential theft.

## CERTIFICATIONS

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**Certified in Cybersecurity (CC), ISC2** (March 2025). **Cisco Certified Network Associate (CCNA)**, Cisco (in progress, expected December 2026).

## EDUCATION

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**Bachelor of Science in Premed Physics**, De La Salle University Manila (2019).

## LANGUAGES

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English (professional), Filipino (native).