NATHAN T DE VERA

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EXPERIENCE

Cisco Systems Inc - Technical Consulting Engineer (2021 – Present)

- Led the successful deployment and ongoing support of IT infrastructure solutions for high-value multinational enterprise clients at Cisco (Banking, Energy, Corporate and User systems)
- Handled project, team and resource management. Leveraging international support teams and tools.
- Point person for client relationship management (including executive-level presentations and regular team communications)
- Handled Incident management, including high-pressure, multi-site outages and post-incident RCA presentations.
- Conducted Security assessments (device hardening, audits, and management interfacing), operational excellence initiatives (system audits, best practice reviews, and operations planning),
- Managed multiple technologies for Enterprise systems: IP/TCP, Wireless Infrastructure, Segment Routing, MPLS, BGP, IGPs, Routing and Switching, IPSEC etc
- Developed custom infrastructure visibility tools using Python, Selenium, REST APIs, and Docker containers.

Department of Science and Technology - Research Assistant (2017-2021)

Research Assistant - Contractual

- Developed an AI Deep Reinforcement Learning control module for satellite attitude adjustment on black box weight distribution.
- Deployed LLM on local servers and assisted in marking, classification and training of AI models
- Operated as system admin for telecommunication equipment: Cellular SDRs, ENodeBs. routing switching equipment and high frequency equipment such as UHF-PAs, VNAs and spectrometers,
- Created internal automation tools using Python for data processing and satellite communication network automation
- Support staff for IT systems of the Philippine California Research Institute and DOST, VBTS Project
- Handler for RF research equipment (VNAs, Power meters and amplifiers, etc), point for contact for users of other institutions

EDUCATION AND CERTIFICATIONS

University of the Philippines Diliman

- Masters in Engineering -Computers and Communications (Pending), ERDT Scholar
- Bachelors in Electronics and Communications Engineering
    -Lead, Wireless Communication Engineering Laboratory (2017-2019)

Cisco Certified Network Professional (CCNP) - Enterprise
Cisco Certified Specialist - Enterprise Advanced Infrastructure Implementation
Cisco Certified Specialist - Security
Cisco Certified Specialist - DevNet
ITILv4 Foundation Certified
Licensed Engineer (Electronics)