ARUN RAJ PILLAI

Network engineer

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Professional Summary

Engineering Graduate with more than 9 years of experience in fast paced engineering industry, pursuing a career path in Network Security.

Skills

- Network provisioning
- Network Security
- Routing & Switching
- Subnetting
- Vendor Management
- Networking Protocols
- Computer Hardware
- MS Office Suite
- Fault Isolation and Troubleshooting
- Threat & Vulnerability Management
- Security Best Practices
- Process management

Work History

NETWORK SERVICE ENGINEER, 11/2021 - Current
Equinix Singapore, Singapore

- Commission & de-commissioning activity for IBX data center services by Network device port configuration & documentation
- Responsible for Network port provisioning of data center services such as Metro connect, Internet exchange, Cloud Exchange, Equinix connect (internet connectivity)
- Responsible for capacity management of manholes, conduits, ducts, and FE's (Fiber Entry Room).
- Monitor port capacity/ usage for data center services and liaise with Vendors and follow-up on capacity increase.
- Works with vendors to provide RFQs for connectivity expansion projects within campus/clusters and submits POs when ready to perform work.
- Familiar with multi-vendor network devices including Cisco, Juniper, Arista.

TECHNICAL SPECIALIST, 04/2013 - 11/2021
Micron Technology, Singapore

- Monitor and analyze Statistical Process Control charts (SPC) for tool issues and false trigger.
- Analyze Tableau work sheets & E3 fault detection traces for tool qualification and product measurements.
- Improve productivity through recipe retrain/maintenance and by troubleshooting tool/system software issues.
- Handle engineering requests with testing and experimentation on processes & equipment by collection, documentation, and analysis of data.
- Active participant in carrying out continuous improvement projects (CIPs).

EQUIPMENT ASSOCIATE ENGINEER, 05/2012 - 11/2012
Globalfoundries, Singapore

- Carry out scheduled preventive maintenance & prepare daily tool status report for pass down meeting
- Troubleshoot Tool/Software related issues and minimize the equipment down time (target 94% uptime monthly).
- Perform equipment PC maintenance and follow up with regular data back up and hard disk cloning.

Education

Bachelor of Engineering in Electrical & Electronics Engineering
Northumbria University - Singapore, 03/2018
Part-time Degree from MDIS Singapore.

Diploma in Mechatronics Engineering
Nanyang Polytechnic - Singapore, 08/2011
Full-time Diploma.

Certifications

- Cisco CCNA 200-301 (2021)
- Google IT Support Professional Certificate (2021)
- Implement Statistical Process Control [SPC] (2015)
- AutoCAD 2D (2013)

Courses

- CompTIA Security+ (SY0-601) Complete Course & Exam (Udemy – 08/2022)
- Splunk Administration (Skillsoft-09/2021)

Recognition Awards

- CREATE MACRO TO GENERATE SUMMARY REPORT FOR DAILY PASSDOWN
MICRON TECHNOLOGY | 2018

- INSTALL BARRICADE TO REDUCE CARRIER PLACEMENT ERROR IN TOOL
MICRON TECHNOLOGY | 2017

Additional Information

Residential Status: Singapore PR

Nationality: Indian