Rajeev Lakshmi Raman

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I am an analytical person who utilizes systems thinking to diagnose issues and design solutions within a fast-paced manufacturing environment. Attention to detail and on-the-go problem-solving are my key strengths. I take the time to thoroughly understand the nature of a problem and its symptoms before analysing and this helps produce long term solutions. Collaborating with colleagues, I brainstorm problems and design long-term solutions. I am determined and persistent, ensuring that matters are resolved satisfactorily. My strong interest in systems networks has been applied throughout my career to resolve operational issues with systemic causes.

To follow my passion and my career, I have pursued the Certificate IV in Cyber Security, CompTIA A+ and few other IT related certificates. I believe that my hands-on skills in building hardware and the developed critical thinking skills position me well to understand IT infrastructures, analyse cyber threats and assist organizations in protecting themselves from these real-world issues.

EDUCATION AND CERTIFICATIONS

- Certificate IV in Cyber Security: Holmesglen – 2024
- CompTIA A+ ce Certification: CompTIA – 2024
- ISC2 certificate in Cybersecurity: ISC2 – 2023
- CCNA introductions to network: Cisco – 2023
- CCNA network security 1: Cisco – 2023
- AWS Academy Cloud Foundations: Amazon – 2023
- Industrial Vocational training 3yrs Mechanical Fitter: Bosch – 1993

Technical Skills

- Proficient in Microsoft Windows operating systems, including windows 10,11, server2016 and 2022).
- Strong understanding of Linux operating systems, with experience in Kali Linux and Ubuntu.
- Proficient in troubleshooting hardware and software issues for desktops, laptops, and peripherals.
- Strong knowledge of Active Directory administration and user management.
- Experience with M365(office 365) administration and office suite (Word, Excel, PowerPoint, Outlook).
- Experience in Cloud technology Azure-AD(Entra-ID), AWS.
- Knowledge of Microsoft Endpoint Configuration Manager (MECM).
- Proficient in diagnosing and resolving network connectivity issues (LAN, WAN).
- Knowledge of IAM platforms and protocols.
- Knowledge of NIST, OSINT, and Essential 8 Security Frameworks.
- Familiar in antivirus software installation and malware removal.
- Good understanding of scripting languages (Python, PowerShell) for automation tasks.
- Familiarity with virtualization technologies (VMware, VirtualBox).
- Proficient in performing hardware upgrades and replacements.
- Knowledge of backup and disaster recovery procedures.
- Proficient in documenting technical procedures and troubleshooting steps.
- Proficient in Cisco routers, switches, and firewall configuration.

Soft Skills

- Excellent communication skills
- Strong analytical and problem-solving abilities.
- Attention to detail.
- Teamwork and collaboration also time management and prioritization.

PROVEN PROBLEM-SOLVING SOLUTIONS

PROBLEM SOLVING

- Troubleshooting of operating issues arising from the commissioning of two new Blu-ray production machines. Reset machines to factory defaults and then reconfigure software to allow for the correct operation of the machines. Collaborated with the supplier to validate the software license. Saved the company approximately $200K on various occasions.
- Due to an unreliable power supply, power surges were damaging production PCs. Took responsibility to source local parts and then use backup software to reinstall to allow operating again. Created batch files to recover data and the operating system once repowered. Prevented significant machine downtime which results in lost production time.
- Created backups for PLC programs, drives, and machine operating systems. Set up diagnostic software on laptops to diagnose machine operating problems.
- Collaborated with the General Manager to diagnose operating problems with new equipment in the 'Mastering Department'. Resolved the problem and had the machine operational within 48 hours.
- Resolved a print/vision system issue with production. Diagnosed the problem in one operating unit and then used this as the benchmark to rebuild all the other vision systems. This improved productivity, accuracy, and saved the company money in purchasing new spare parts.

COLLABORATING WITH PEOPLE

- Worked with the production team to solve production issues arising from faulty operating systems in machines. Needed to understand the problems operators were experiencing with the machines and then diagnose the problem and propose a solution that will work for the operators and the machines.
- Prepared business cases with procurement, production, and management to justify the investment in new parts to provide long-term cost savings.

ABILITY TO LEARN

- Maintained a dream to develop my skills in networking and cybersecurity despite obstacles in life. Fuelled my interest in networking and cybersecurity by developing systems workarounds to allow production equipment to operate without the ongoing support of equipment manufacturer's support engineers.
- Identified the threat of cybersecurity to organizations in recent times and then took on the responsibility to privately study to obtain the appropriate qualifications to launch a career in cybersecurity, coupled with my practical ability to understand systems and how they operate.

OUTCOME DRIVEN

- Committed to seeing projects through to the end. I do not give up on my commitment to developing the best practical solution to the problem. I will ensure the solution resolves the problem.

- I use my experience and collaborative knowledge of my colleagues to brainstorm problems with operating equipment. I then use the results of the brainstorming to design the best solution for resolving the problem. Rather than taking the easy option of replacing parts, I want to ensure I understand the problem and its symptoms before designing the right long-term solution.

TRAINING COURSES

- Various in-house training programs with Bosch
- Forklift licence.
- Electrical connect and disconnect licence.
- First Aid certificate.

CAREER SUMMARY

VANTIVA (TECHNICOLOR Pty Ltd) 2009 - 2024
Maintenance Technician

Technicolor manufactures Optical Storage media (Blu-Ray disc, DVD & CD) for Hollywood studios and game producers and provides technical assistance to moviemakers in 3D animation and sound.

- Maintenance of High-Speed Automated Machines.
- Troubleshooting and fixing Mechanical, PLC, Motion control Software's, and industrial computers.
- Maintenace of Digital Measuring systems, high speed Vision systems, and Printers.
- Maintenace of Screen Printing, screen processing, thermal printers, and barcode scanners.
- Maintenance of Air Compressors, Air conditioners, Chillers, and UPS.
- Documentation of maintenance activities, creating a knowledge base and daily update meetings.
- Scheduled backup of software's, updates, restoration from backups, and preventive maintenance.

MTM   2005 - 2009
Maintenance Technician

MTM is a family-owned business manufacturing Spares for Various Automobile manufactures and had an R & D facility of Door checks used on Automobile Doors.

- Maintenance of Moulding machines, Presses and Automated Assembly line Machines.
- Maintenance of Air Compressors, Air conditioners, Chillers, and UPS.
- Documentation of maintenance activities, creating a knowledge base and daily update meetings.
- First aid Officer, Inspection and Tagging of Electrical equipment's.

VARIOUS MANUFACTURING / ROBOTICS JOBS AFTER MIGRATING FROM INDIA   2004 - 2005
Maintenance And Operator Roles

BOSCH   1994 - 2003
Maintenance Technician / R&D Engineer

Bosch is an Automobile parts manufacturer and has a complete R&D facility with Engine Testing.

- Assembly and testing of Various Fuel injection Pumps including optimization for emission control.
- Data analysis and plotting of performance curves of pumps and preparing reports.
- Assist in Engine and pump optimization trials.
- Maintenance of machines, pumps, furnaces, and Handling equipment's.
- Troubleshooting and fixing Mechanical, PLC, and industrial computers.
- Tool room activities, including machining and quality checks.
- Assembly of Machine tools for inhouse production.

HOME LAB PROJECTS: **https://github.com/rajeevlraman**
- Setup a Home lab
- Virtualization project
- Cloud Services
    - Azure AD / Entra ID, IAM,
    - Microsoft Configuration Manager and M365 administration
    - Aws
- SIEM using Security Onion
- SIEM using Splunk Enterprise
- IDS/IPS using PfSense, Snort.