

SASIKUMAR R

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Professional Summary

Skilled in Cloud Computing, Networking, SAP, and AutoCAD with experience in network troubleshooting, SAP Material Management, AutoCAD drafting, and cloud deployment. Able to manage IT systems, improve performance, and provide technical support with strong problem-solving and teamwork skills.

Technologies

- **Cloud :** AWS, Linux System Administration
- **Networking :** LAN/WAN, Firewalls, VPNs, Routers, Switches
- **Software and Tools :** SAP (Material Management), AutoCAD
- **Programming :** C, C++
- **Operating Systems :** Linux, Windows.

Education

B.E	Electronics and Communication Engineering, Mohamed Sathak Engineering College - Kilakarai, Tamil Nadu GPA: 7.91/10	Apr 2017 – May 2021
HSC	Higher Secondary Education, Government Higher Secondary School Kadukkaivalasai GPA: 6.8/10	Apr 2016 – May 2017

Experience

Bharat Heavy Electricals Limited - Graduate Apprentice (System Engineer)	Tiruchirappalli, India
• Handled network and system support by troubleshooting issues and resolving them both onsite and remotely. • Installed and maintained LAN, switches, VPN, DHCP, and firewall systems for smooth network operations. • Prepared and updated AutoCAD drawings for network and power cable layouts at different sites. • Maintained material details in SAP MM, assembled PC hardware, and managed network cables in all departments.	Feb 2024 – Feb 2025

Training - Satvat Infosol Private Limited - System Engineer Trainee	Chennai, India
• Configured and maintained LAN/WAN networks to ensure smooth connectivity and system performance. • Installed and managed routers, switches and firewalls for secure and reliable communication. • Monitored network traffic, troubleshoot issues and resolved connectivity problems to minimize downtime. • Applied knowledge of IP addressing, subnetting and network protocols (TCP/IP, DNS, DHCP) to support seamless operations.	Sep 2021 – Apr 2022

Coursework

Besant Technologies - Cloud Computing Training	Chennai, India
• Completed training in Cloud Computing, gaining hands-on knowledge of cloud infrastructure, services, and deployment models.	Apr 2025 – Jul 2025

Projects

PROJECT 1: Ukai Thermal Power Station - unit 3 and 5

- **Engineering and Network Support:** Contributed to engineering, documentation, and network support tasks at Ukai Thermal Power Station (500 MW and 800 MW units).
- **AutoCAD Work:** Prepared and updated AutoCAD drawings, including boiler systems, cable layouts, network connections, and instrumentation details.
- **Instrument Verification:** Checked placement areas of instruments and ensured proper alignment for safe and efficient operations.
- **Tag Management:** Assigned and maintained instrument tag numbers for organized tracking and easy reference.
- **System and Network Assistance:** Provided troubleshooting support for system drawings, network connectivity, and offered technical assistance for smooth operations across departments.
- **SAP Functionalities:** Used SAP to manage materials, update records, and track workflow processes, ensuring accurate inventory management and efficient plant operations.
- **Plant Drawings and Cable Verification:** Verified old plant drawings and cable connections (both power and network), ensuring proper alignment and reliable documentation.

PROJECT 2: Wanakbori Thermal Power Station

- **Engineering and Network Support:** Worked at Wanakbori Thermal Power Station (500 MW and 800 MW units), supporting engineering, networking, and technical documentation activities.
- Handled SAP processes for material management, updates, and workflow support.
- Prepared and updated AutoCAD drawings, including boiler systems, cable layouts, network connections, and instrumentation details.
- Verified instrument placement, ensured proper alignment, and maintained instrument tag numbers for accurate documentation.
- Provided troubleshooting support for system drawings, network connectivity, and offered technical/system assistance to ensure smooth operations across departments.

PROJECT 3: Akruti, Garuda, Amithys

- **System Engineer Support** – Provided technical support by monitoring IT systems, assisting end-users, and resolving software or system issues to ensure smooth operations across all projects.
- **Network Troubleshooting** – Identified and resolved network connectivity problems, monitored network performance, and applied solutions to maintain stable and secure communication channels.
- **Hardware Troubleshooting** – Diagnosed, repaired, and maintained servers, desktops, and peripheral devices to minimize downtime and ensure optimal functionality of IT infrastructure.
- **Network Infrastructure Creation** – Assisted in designing, configuring, and maintaining network infrastructure, including routers, switches, cabling, and access points for efficient and secure connectivity.
- **System and Network Monitoring** – Implemented monitoring tools and procedures to track system and network health, quickly identifying issues and preventing operational disruptions.
- **Technical Assistance and Maintenance** – Provided ongoing technical support, preventive maintenance, and troubleshooting services, ensuring continuous IT operations and workflow efficiency for all three projects.

Achievement

BHEL Learning Week Competition - 2024 - “Secured First Place in a BLW activity-based competition on the theme ‘Align-Act-Achieve’, demonstrating teamwork, planning, and execution skills.”