Job Description – Operations Engineer

Position:	Operations Engineer
Line Manager reporting to:	Engineering Manager (India)
Functional Reporting to:	Operations Team Lead (UK)
Primary location:	Gurgaon, New Delhi, India
Travel requirements:	Occasional travel to customer sites for installation, maintenance, and training. Occasional travel to the UK for project work and training.
Role description / primary responsibilities:	We have a fantastic opportunity for an Operations Engineer to join our ops team. The ops team designs, plans, implements, and maintains mission critical IIoT Smart Grid solutions for CyanConnode's customers worldwide. Engage directly with customers and partners to capture project and integration requirements. Translate requirements into high level designs and high-level designs into working, resilient, scalable, fault-tolerant systems. Drive continuous improvement. Evaluate new technologies, methods, and tools. Resolve urgent incidents, perform root cause analysis, and drive corrective and preventive action.
Essential Skills and Experience:	Excellent communication, problem solving, and decision making skills. Driving workshops to capture project and integration requirements. Designing systems with high-availability and disaster recovery requirements. Specifying, validating, and installing on-premise and cloud environments. Designing networks including IPv4/IPv6 dual stack, zoning, VLANs, firewalls, IPS/IDS, routing/BGP, IP portability, IP multihoming, load balancing, and reverse-proxying. Managing active-active and active-passive application clusters. Managing servers including Ubuntu OS installation and patching on bare metal, VM, and cloud instances.

	Managing storage including local storage, HDD, SSD, partitioning, NAS, and SAN.
	Installing, configuring, and tuning OS and applications.
	Installing, configuring, and tuning standalone and clustered MySQL databases.
	Using common infrastructure components including DNS/DDNS, NTP, and PKI.
	Functional validation, performance validation, and monitoring of production environments.
	Repeatable, auditable configuration management using Ansible.
	Development skills including Python and git.
Desirable Skills and Experience:	Experience with Ubuntu, Apache, Corosync, Pacemaker, OCF, VirtualBox, VMware vSphere/ESXi, AWS, Azure, NFS, CIFS, iSCSI, iptables, IPVS, fio, atop, Zabbix, MySQL Community, MySQL Galera Cluster, and MySQL Cluster.
Personal attributes:	Highly motivated self-starter.
	Excellent communication, collaboration, and organizational skills.
	Able to identify risks and estimate work.
	Able to effectively manage time, quality, and scope.
Qualifications:	Required: Good degree in technical subject (computer science, engineering, or natural sciences).