



Job Description

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Job Title Data Centre Design Engineer	Job Location Dar es Salaam	Category -
Job Type Full Time	Job level Intermediate	Industry -
Open to Expatriates Open to Expatriates & Local Nationals		

Minimum Requirements

Min Budget -	Max Budget -	Primary Industry -
Secondary Industry -	Primary Category -	Secondary Category -
Certificate -	Qualification -	

Summary

The Data Centre Design Engineer will be responsible for designing and delivering reliable IP and data centre network solutions. The role will lead customer requirement clarification, prepare detailed Low-Level Design (LLD) documentation, develop executable technical solutions, troubleshoot complex network issues, and support the successful delivery of medium- and large-scale projects.

Responsibilities

- **Network Design**
 - Design end-to-end network architectures based on customer and project requirements.
 - Prepare detailed Low-Level Design (LLD) documentation for networks comprising more than 100 network elements.
 - Ensure network designs are scalable, reliable and aligned with applicable technical standards.
- **Solution Development**
 - Lead the clarification and analysis of customer requirements.
 - Translate business and technical requirements into practical and executable solutions.
 - Present and explain proposed solutions to customers and relevant project stakeholders.
- **Network Troubleshooting**
 - Apply strong IP network architecture knowledge to identify, analyse and resolve network issues efficiently.
 - Conduct root-cause analysis and develop appropriate corrective and preventive solutions.
- **Technical Delivery**
 - Configure, implement and support core IP network technologies and protocols, including MPLS, SRv6, IPv6, BGP, IGP (OSPF/IS-IS) and various VPN technologies.
 - Support projects involving access networks, data centre networks and enterprise networks.
- **Project and Team Leadership**
 - Serve as the Technical Lead for assigned projects.
 - Lead technical teams in delivering projects in accordance with the approved scope, schedule and quality requirements.
 - Develop and manage project delivery plans, monitor progress and address technical delivery risks.

Education & Qualifications

- Bachelor's degree or higher in Telecommunications, Communications Engineering, Information Technology, Computer Science or a related field.
- Professional certifications such as HCIE, HCIP or CCIE are preferred.

Requirements

- At least five years of relevant experience as a Network Engineer or in a similar technical role.
- Experience in delivering medium- and large-scale network projects is preferred.
- Previous experience serving as a Project Technical Lead is highly desirable.
- Experience in access networks, data centre networks or enterprise network projects is preferred.

Characteristics

- Strong network architecture and end-to-end network design capabilities.
- Advanced knowledge of MPLS, SRv6, IPv6, BGP, OSPF, IS-IS and VPN technologies.
- Ability to prepare clear and comprehensive Low-Level Design documentation.
- Strong requirements analysis and technical solution development skills.
- Excellent network troubleshooting and root-cause analysis capabilities.
- Proven ability to lead technical teams and manage project delivery plans.
- Strong customer engagement, communication and presentation skills.
- Proficiency in Microsoft Office applications, particularly Excel.

Driving Licence

Not Required

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