EY
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Job Description

Service Line	GDS-Enablement Services	Sub-service Line	Automation
Location	Trivandrum/Bangalore	No. of positions	1
Title	Sr Devops Engineer	Rank	Senior Associate
Grade	1	Type of Employment	Permanent
Overall Years of Experience	7 to 10 Years	Relevant Years of Experience	5+
Requisition Date		Resource On-board Date	

Senior Devops Engineer:
Senior Devops engineer responsible for build and manage CI/CD pipeline, cloud configurations, deployment of applications and monitoring of application environments.

Position Summary	► 5+yrs of experience in a similar profile with application maintenance background ► Manage configuration changes in DEV/UAT/Prod environments of applications. ► Design and configure continuous integration and deployment pipelines in Dev/UAT/Prod ► Assist in the design and implementation of secure, reliable and scalable software solutions. ► Improve release procedures across multiple environments, automating processes with tools. ► Implement, extend, maintain, and administer release and deployment tools and infrastructure. ► Design and configure virtual network topologies, in any cloud service such as AWS, GCP, or Azure. Azure is a plus ► Experience with automation and workflow management, Docker, and application load balancing solutions for scaling and high availability ► Experience in working with Azure cloud services, Azure kubernetes, Azure Service Bus. ► Excellent computer skills - proficient in excel, PowerPoint, word and outlook. ► Excellent interpersonal skills and a collaborative management style ► Own and delegate responsibilities effectively ► Ability to analyse and suggest solutions. ► Strong command on verbal and written English language.

Roles and Responsibilities

Essential	► Experience designing configuration management systems using tools such as Chef, Ansible, Puppet, Salt & Jenkins ► Coding capability in one or more languages, especially bash, Ruby and/or Python ► Knowledge of internet architectures and tools, including web, application, and database components such as git, nginx, memcached, MySQL, Postgres, Jenkins, CircleCI, Concourse, etc. ► Strong understanding of Linux/Unix and TCP/IP fundamentals ► Experience in Kafka, Elastic search, Kibana/Grafana ► Should be able to train and build a team of technical developers. ► Should be able to work with a multi culture global teams and team virtually. ► Should be able to build strong relationship with project stakeholders. Demonstrates advanced understanding of the principles, methods, processes and standards of cloud computing. ► Demonstrates advanced knowledge of tools used in the design and build of cloud computing solutions. ► Supports the creation of knowledge sharing programs for cloud computing and guides junior team members. ► Recommends improvements to principles, methods, processes and standards. ► Provides structure to complex and multi-faceted deliverables and solves complex problems. ► Leads the team in implementing a wide range of cloud computing configurations. ► Designs and builds frameworks for monitoring and managing cloud operations. ► Provides advice on pros and cons of using cloud environments. ► Develops and updates a configuration management plan. ► Directs and monitors the configuration management / change process, activities and audits. ► Establishes baseline for configuration items. ► Identifies content of configuration control for systems ► Evaluates the effectiveness of configuration management processes, tools and practices. ► Resolves and documents issues and considerations related to updating products in multiple

locations.

- ► Establishes standard processes and procedures for version and change control   management.
- ► Participates in the detection of non-conforming products; makes decisions on   discontinuation of certain tools.
- ► Follows configurations forwards and backwards to the change request or to the fault   report.
- ► Directs and monitors the design, build, installation and maintenance of a database management system.
- ► Defines and implements database security   procedures.
- ► Evaluates the performance and quality standards of database management   processes.
- ► Implements interfaces with access methods and operating system   components.
- ► Designs and implements data marts or data warehouses using database   engineering.
- ► Implements leading practices around utilizing DevOps to improve the delivery pipeline and integration process.
- ► Analyzes release components
- ► Coordinates with relevant stakeholders on release scheduling to align release processes and procedures.
- ► Supervises the installation process of hardware, PCs or workstations to meet agreed upon standards.
- ► Monitors employees' compliance with hardware platform operational policies
- ► Diagnoses hardware platform problems and recommends dynamic   solutions.
- ► Evaluates vendors' capacity in hardware, PCs or workstations in the market and selects suitable products for the organization.
- ► Evaluates hardware platforms, installation and support processes for effectiveness and performance.
- ► Advises designers on the business requirements and needs for hardware   platforms.
- ► Oversees the design installations, system migration and   integration.
- ► Leads the testing and handover of implemented infrastructure   solution.
- ► Drives initiatives to improve the infrastructure systems and service delivery through automation and virtualization technologies.
- ► Evaluates the performance, availability and security of infrastructure systems and key operational metrics.
- ► Resolves issues regarding the implementation of heterogeneous open systems.
- ► Monitors day-to-day IT operations: business impacts,   priorities and dependencies.
- ► Evaluates an organization's existing IT structure in terms of quality,   performance and IT objectives.
- ► Oversees the IT systems management philosophy, administrative service functions and requirements.
- ► Coaches' others on the roles and responsibilities of the IT department
- ► Evaluates and estimates the total cost of developing new   networks.
- ► Monitors and oversees the design, planning and execution of network   engineering.
- ► Contrasts benefits, drawbacks and appropriateness of different network engineering methodologies
- ► Manages multiple network engineering   projects.
- ► Acts as an intermediary between the business and technical community to understand business requirements, define the technical architecture   required and support development and engineering teams with implementation.
- ► Oversees the compliance of technical architecture principles for an   organization.
- ► Oversees the planning and development of technical architecture   designs.
- ► Directs the discussion on issues and considerations for adopting an open technical   architecture.
- ► Evaluates the effectiveness and performance of the technical   architecture.