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Job Description

Responsible for conceptualising and designing IT business solutions ensuring fulfilment of business requirements, high performance, and technical standards adherence

Key Responsibilities

- Analyse business requirements, develop functional/system specification and ensure highvalue architecture and design artefacts for all solutions
- Define, champion and govern solutions architecture standards, tools, best practices, and development methodologies
- Provide technical guidance to application development teams, consult on integration and conversion issues and participate in mapping technology-independent application architecture to the chosen technology platform

SKILLS AND OTHER REQUIREMENTS

- Architectural and development skills: Good knowledge of architectural patterns, architecture and product roadmapping, web service, API development, continuous integration/continuous development etc.
- Architecture design: Able to design microservices, APIs, Containers etc.
- Technical design documentation: Able to document requirements, designs and risks in frameworks like sequence diagrams, class diagrams
- Programming languages: Java, OpenShift etc.
- **Big data analysis tools:** Hadoop, Apache Spark, MongoDB, R etc.

COMPANIES HIRING FOR THIS JOB ROLE

- Amazon
- DHL
- DB Schenker UPS

Singapore Post

FedEx

(The above list is not exhaustive)

Number of local job postings¹ 9

Number of global job postings¹ 22



This role is commonly found in larger multinational corporations with relatively complex business operations. Mostly, these jobs are posted overseas as technology solutions are often rolled down from global headquarters for integration across regional offices. Local SMEs generally do not have the need to hire these roles in-house.

Typical education and experience requirements: Bachelor's or Master's Degree in Computer Science, Computer Engineering, IT or equivalent; At least eight years relevant work experience and logistics background preferred.

Key attributes: Strategic thinker with high business acumen; systems thinking skills; ability to handle dynamic environments and complex stakeholders; performance and optimisation mindset.

