

Devterra (Pvt) Ltd. Operating Procedure	
Title: Roles and Responsibilities	Document No : 16/OP/GHR/22
Page 1 of 4	Revision No.1.0

Roles and Responsibilities for Software Architect

Full Name:	
Designation:	Software Architect
Role Definition:	A software architect spearheads all of the software development activities of his/her employer or client. Overseeing the development team, he/she manages the full life cycle of the process, monitoring research, reviewing codes and supervising any testing. He/She may also be required to administer training throughout various phases of the development cycle. Additionally, he/she ensures that all development practices are in compliance with his employer's best practices policies and procedures. Tracking and maintaining all records and metric, he/she reports the project's progress to senior management.
Additional Role(s) to play:	Chief Architect

Required Knowledge and Skills	<ul style="list-style-type: none"> • Consistently demonstrated ability to exceed the requirements of Technical Lead. • 8+ Years of relevant industry experience. • Microsoft/Sun Certification (Microsoft Certified Professional Developer or Oracle Certified Master Java SE6 Developer) <p>Application Planning and Design</p> <ul style="list-style-type: none"> • Engineer effective solutions to meet the business needs • Ensure accuracy of estimates • Define appropriate guidelines for implementation • Technically proficient in the project technology solution <p>Project Implementation Oversight</p> <ul style="list-style-type: none"> • Tracks the project well to plans • Manage project risks effectively • Provide appropriate technical visibility to all stakeholders • Make proactive course correction when required • Conduct effective design and code reviews <p>Leadership</p> <ul style="list-style-type: none"> • Provide clear technical vision and guidance to the organization • Maintain high team morale and drive the team members • Mentor and groom team members • Good knowledge of the company product development lifecycle and the process tools.
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Devterra (Pvt) Ltd. Operating Procedure	
Title: Roles and Responsibilities	Document No : 16/OP/GHR/22
Page 2 of 4	Revision No.1.0

	<p>Technical knowledge</p> <ul style="list-style-type: none"> • Ability to maintain communication with other staff and pass information on latest trends in architecture software • Work with other development team members to determine changes and enhancement in program code • Provide guidance to support staff on software development and maintenance • Handle complications arising from the development of new software • Experience designing an enterprise application with different business domains • Experience with Service Oriented Architecture (SOA). • Experience as a chief architect on inception-to-delivery of J2EE / .Net/ Other Open Source projects. • Experience with deploying J2EE rich and/or web client applications in a high-availability, clustered environment • Expertise in the Unified Modeling Language (UML) for constructing, and documenting the artifacts of software systems • Exemplary general IT knowledge (applications development, testing, deployment, operations, documentation, standards, best practices, security, hardware, networking, OS, DBMS, middleware, etc.) • Expertise and experience in lightweight, rapid development, agile methodologies. • Experience in estimating and measuring project velocity • Experience with interaction with legacy systems and phased application integration • Good knowledge of C#.net, web services (C#.net, VB.net, VB 6.0, C++, Java, JavaScript, HTML, XML, OOA and OOD Concepts) • Sound Knowledge of unit testing methodologies and frameworks • Sound time management skills. • Good ability to anticipate issues and formulate remedial actions. • Exquisite attention to detail • Written, verbal, diagrammatic and presentation communication skills • Good problem solving skills. • Easily adoptable to company culture. • Ability to self-evaluate and quickly adapt to changes • Possess sales and marketing skills • Possess good negotiation skills • Possess excellent interpersonal skills • Be articulate and observant
General Responsibilities	<ul style="list-style-type: none"> • Own one or more modules of the project under development • Flexible in working under changing and different work settings. • Adhere to company and project standards and guidelines. • Accurate time accounting and reporting of own work. • Promptly escalate issues, which affect product delivery and quality that are beyond scope of influence and report same to reporting

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Page 4 of 4	Revision No.1.0

Review/Approval by General Manager

Name:

Signature:

Date:

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