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**
- 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)

**Application Planning and Design**
- Engineer effective solutions to meet the business needs
- Ensure accuracy of estimates
- Define appropriate guidelines for implementation
- Technically proficient in the project technology solution

**Project Implementation Oversight**
- 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

**Leadership**
- 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.
### Technical knowledge

- 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

- 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
Review/Approval by General Manager

Name: -----------------------------------

Signature: -----------------------------------

Date: -----------------------------------