

**Position:** Java Solution Architect

**Year of experience:** 10+ Years

### **Duties & Responsibilities:**

- Understand the requirements, current state architecture of the enterprise and create a roadmap for the future product/service accordingly.
- Create Software Architecture Documents, High Level and Low Level Design documents and Nonfunctional requirements for the project.
- Define Integration Design and Security Design for the Web Services and Enterprise components involved.
- Provide Proof Of Concepts to secure design decision.
- Participate in production of technical specification for development and integration requirements.
- Collect and Provide estimates for the requirements.
- Engage with architecture group.
- Collaborate with company internal technology teams and contribute to various internal initiatives.
- Ensure quality deliverables, while taking careful, conscientious and conservative decisions.
- Self-motivated and hands on with JAVA programming, need to code 70% of the time.

### **Skill, Experience & General information required:**

- 10+ plus years of experience in defining solution architecture for large enterprise applications using Java/J2EE, JUnit, SOA Webservices (SOAP and REST), ESBs, Open Source products, and strong working knowledge of SOA, SOAP, WSDL, Service Orchestration, Business Process Choreography, BPEL, Spring MVC and JSON.
- Strong command on Java/J2EE concepts and current industry trends.
- Experience with SQL and NoSQL databases
- Deep experiences in design & implementation of e.g. technical application frameworks, kernel, linux development, etc.
- Understanding for optimized coding considering memory consumption, performance, scalability, security, parallel processing, caching, lock mechanism, etc.
- Knowledge of technology areas of Messaging, Transaction Management, Spring MVC, Hibernate, DAO, etc.
- Very important to be able to cover the topic conceptual AND from implementation side, refer to mindset of open-source developers.
- Knowledge of Web Technologies such as Html 5, CSS 3, jQuery, Spring MVC and WebServices (REST).
- Experience deploying and running Kubernetes or Pivotal Cloud Foundry (PCF) on the cloud. AWS, Azure, and/or GCP highly preferred.
- Experience in implementing Webservices Security using WS-Security, SAML, Kerberos and integrating with Identity provides, LDAP and ADFS.

- Strong knowledge on design and integration patterns especially in applications involving Portals/SSO, legacy applications, B2B Applications, external partners using ESB.
- Strong understanding of framework layering (separation of concepts), Object Oriented design methodologies and design patterns.
- Timely creation of appropriate technical artifacts e.g. Application Architecture, Solution Design Documents, etc.
- Interpersonal communication and organizational skills required to operate as a contributing member of virtual teams that deliver quality services.
- Maintain awareness of new and emerging technologies and the potential application on service offerings and products provided by IT.
- Familiar with supporting peer teams and responsibilities such as infrastructure, operations, enterprise architecture, info security.
- Experience working with multi-vendor, multi-culture, distributed offshore and onshore development teams in dynamic and complex environment.
- Must have excellent written and verbal communication skills.

**Must have PM skills:**

- Experience with Agile development methodology.
- Experience with Cloud Computing.