

Senior Technology Architect

No. of Posts: 3

Location: New Delhi/Bangalore

Job Profile	Qualification & Experience
<ul style="list-style-type: none">▪ Define the Tech. Architecture for UIDAI core-applications which will be developed as a part of the Aadhaar-enabled applications▪ Responsible for executing the design and initial deployments of the complete system including server and client components by researching, reviewing, analyzing, and recommending architectural standards, technologies, and processes.▪ The job profile requires in-depth understanding of biometric technologies, identity and authentication management systems, large data management systems, scalable internet and service oriented architectures, relational databases and schema design, n-tier architectures, and web technologies, agile software development, open source technologies, and web technologies.▪ Work ranges from conceptual and strategic to tactical and includes building architectures and systems as well as initiating and overseeing the implementation of the whole system from an architectural perspective.▪ Support technology teams of other user groups who work on building Aadhaar enabled applications such as Central Ministries, State Governments, PSUs etc.▪ Develop the guidelines related to technical architecture for dissemination across the Regional Offices▪ Adopt the best practices in technology from various models for adoption by ministries and states▪ Ability to work on multiple technologies▪ Quickly learn and adopt new technologies▪ Preparation of BRD, TRD and Test cases▪ Design and Development of various web /	<p>Educational Qualification & Experience</p> <ul style="list-style-type: none">▪ B.E/B. Tech/BCA/MCA/M Sc (IT/Computers) with 10 years of work experience in Application / Web & Mobile Development with at least 2 years in Technical Architect Role and atleast 6 years of development experience on Java / Linux / MySQL / Hibernate/ Tomcat/ SOLR / Lucene / Hadoop / RabbitMQ / J2EE / JSP/ JavaScript / MySQL / Servlet / XML / JSON / AJAX▪ Experience of Android / iOS development and Android / iOS UI design principles, patterns, and best practices would be a plus▪ Experience of writing Test Cases, BRD, and TRD, Manuals and User documentation▪ Experience of working in SDLC / Agile framework▪ Experience of post Go-Live / Maintenance of applications▪ Operational knowledge on Performance Tuning concepts▪ Strong product experience with respect to packaging, extensibility architecture, security, upgrades, and scalability▪ Experience in building large scale OLTP systems that can support millions of transactions▪ Experience in building very large database systems that can scale in a distributed environment▪ Experience in building large scale distributed systems for high throughput and speed▪ Experience in building web based systems that is based on SOA principles that is high performing secure▪ Should demonstrate hands-on experience in building software architectures and systems

mobile applications

- Work with the security team to ensure that all the security concerns are addressed
- Setting up development and deployment environments
- Work with the deployment team for testing and deployment at the server
- Post Go-Live, Maintenance and support of applications
- Ensure proper testing during the development of the application
- Ensure Manuals and User Documentation is done with development of the application
- Interface with all stakeholders during development cycle

Roles and Responsibilities:

- Work with the internal and external teams to establish complete Enterprise Architecture
- Provide technical leadership on projects as well as oversight and mentoring to the development team (in-house or third party)
- Drive creation of reference architectures, reference implementations, and proofs-of-concept
- Conduct research and hands-on experiments as part of technology selection and design
- Design, prototype, and build client, server, and other components of the whole system
- Document and present principles and standards for review and formal approval
- Oversee and audit development and implementation of the system
- Interact/ Co-ordinate with various functional divisions of the UIDAI on the business requirements
- Capacity planning for IT Infrastructure including hardware and software
- Effective consolidations & virtualisations at Data Centre design scalable IT Infrastructure

- Demonstrable experience in designing, building, and deploying self-updating, pluggable, smart clients with offline capabilities using new technologies
- Experience in building localizable, self-upgradeable, self-learning systems using Internet technologies

Desired Competencies

- Possesses leadership qualities
- Drive for results – can be counted on to exceed goals successfully
- Problem - solving - uses rigorous logic and methods to solve difficult problems with effective solutions
- Peer relationships – Encourages collaboration, works well in teams

Tenure: 3 years Contract

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Other Requirements:

- Ability to articulate and make effective presentations to varied technology and non-technology groups
- Ability to learn, abstract, and apply new technologies
- Ability to work effectively in disparate teams within and outside the organization and mentor at strategy level as well as detailed technology level