

Senior Technology Architect

No. of Posts: 2

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	<p>Educational Qualification & Experience</p> <ul style="list-style-type: none">▪ B.E/B. Tech/BCA/MCA/M Sc (IT/Computers) with 15 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 .NET / 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▪ Demonstrable experience in

<ul style="list-style-type: none"> ▪ Design and Development of various web / 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 <p>Roles and Responsibilities:</p> <ul style="list-style-type: none"> ▪ 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 <p>Other Requirements:</p> <ul style="list-style-type: none"> ▪ Ability to articulate and make effective presentations to varied technology and non- 	<p>designing, building, and deploying self-updating, pluggable, smart clients with offline capabilities using new technologies</p> <ul style="list-style-type: none"> ▪ Experience in building localizable, self-upgradeable, self-learning systems using Internet technologies <p>Desired Competencies</p> <ul style="list-style-type: none"> ▪ 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 <p>Tenure:</p> <p style="text-align: center;">Three years</p>
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<p>technology groups</p> <ul style="list-style-type: none">▪ 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	
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