

**Press notification**

***Job opportunity for Enterprise Architect, Technical Architect and Senior Database Experts in Information Kerala Mission***

Information Kerala Mission, an autonomous institution under Local Self Government Department, Govt. of Kerala, Thiruvananthapuram functions to strengthen the local self-governance through ICT applications **invites candidates from the Open market for the following roles**




<b>Role</b>	<b>Experience</b>	<b>Proposed Salary</b>	<b>No. of Vacancy</b>
Enterprise Architect	Enterprise Architect -10-15 years of IT experience with 5 year expertise in large enterprise application design.	1.25 – 1.75 lakhs	1
Technical Architect	10 years of IT experience with 5 year experience in technical architecture design (prefer Open Source technology)	80,000- 1.25 lakhs	2
Sr. Database Experts	7 years of IT experience with 3 year experience in DB design, tuning, optimisation using MY SQL and Postgres	80,000- 1.00 lakh	1

The term of contract appointment shall be for 2 years which may be extended on need basis and based on the performance of the candidate.

Age limit : Below 50 years

Educational qualification: B-Tech(C S / IT / ECE) or MCA (on campus degree from a recognised university or college after Graduation in Maths or Physics).

*Rush in your resumes to the official mail id [ikm@ikm.org.in](mailto:ikm@ikm.org.in) on or before 31.10.2017*

-  *Candidates who has attended IKM interview in the last 1 month for the said post need not reapply*
-  *Candidates should apply for only one post*
-  *Please visit our website [www.infokerala.org](http://www.infokerala.org) for further details*

# **ENTERPRISE ARCHITECT JOB DESCRIPTION**

## **Qualification**

B-Tech/MCA

## **Experience**

- 15 years of relevant technical experience in Enterprise Application Design
- Demonstrable experience of the development and implementation of reference architectures, specifically in Open Source technologies.
- Experience of tools and technologies across the Open Source stack, such as PHP, Java , MongoDB, Cassandra, PostgreSQL, Python, Drupal, JBoss, Red Hat Enterprise Linux, Debian, Ubuntu, NodeJS , Laravel , CodeIgnitor, WordPress, HTML 5 ,Angular JS, CSS3 , MySQL
- Enterprise integration concepts and web technologies
- Experience of Architecture frameworks such as TOGAF or RCDA
- Ability to work on multiple projects concurrently in a collaborative manner

## **Desirable Experience**

- Experience working in Big Size Government projects/Citizen Facing projects
- Certification in TOGAF
- Handled team size of more than 50

## **Main Responsibilities**

- Recommends and participates in activities related to the design, development and maintenance of the Enterprise Architecture (EA)
- Researches overall ICT solutions on the market for particular technical requirements and business needs.
- Conducts and/or actively participates in meetings related to the designated project/s, with business users
- Advises and recommends enterprise architecture strategies, processes and methodologies.
- Recommends and participates in the analysis, evaluation and development of enterprise long term strategic and operating plans to ensure that the EA objectives are consistent with the enterprise's long-term business objectives.
- Shares best practices, lessons learned and constantly updates the technical system architecture requirements based on changing technologies, and knowledge related to recent, current and upcoming vendor products and solutions.
- Participates in and manages Architecture Working Groups for the development and maintenance of the EA.
- Collaborates with all relevant parties in order to review the objectives and constraints of each solution and determine conformance with the EA. Recommends the most suitable technical architecture and defines the solution at a high level.
- Recommends and participates in the development of architecture blueprints for related systems.
- Identifies and recommends areas appropriate for further study and participates in any Proof of Concept projects required to thoroughly investigate architectural possibilities and strengthen arguments for their adoption.
- Identifies implementation risks and analyses potential impact on the enterprise and on the achievement of scheduled objectives.

- Recommends and participates in the design and implementation of standards, tools and methodologies
- Participates in the design and implementation of IT service management standards, tools and methodologies

## **TECHNICAL ARCHITECT JOB DESCRIPTION**

### **Qualification**

B-Tech/MCA

### **Experience**

- 10-15 years of relevant technical experience in Open Source Technologies
- Experience of tools and technologies across the Open Source stack, such as PHP, Java ,MongoDB, Cassandra, PostgreSQL, Python, Drupal, JBoss, Red Hat Enterprise Linux, Debian, Ubuntu, NodeJS , Laravel , CodeIgnitor, WordPress, HTML 5 ,Angular JS, CSS3 , MySQL
- Has strong experience in Laravel or any other PHP based framework
- Strong in frontend UI frameworks HTML5/CSS3, Object Oriented Javascripts and solid experience in AngularJS, strong in MySQL;
- Knowledge in Drupal , WordPress MongoDB & PostgreSQL

### **Desirable Experience**

- Experience working in Big Size Government projects/Citizen Facing projects
- Certification like Zend PHP certification
- Handled team size of more than 50

### **Main Responsibilities**

- Design and contribute in architecture decisions. Able to handle and implement solutions with the right frameworks.
- Experience in architecting/designing / implementing applications using various open source technologies
- Someone with coding experience in different open source technologies ( PHP, Java ,MongoDB, Cassandra, PostgreSQL, Python, Drupal, JBoss, Red Hat Enterprise Linux, Debian, Ubuntu, NodeJS , Laravel , CodeIgnitor, WordPress, HTML 5 ,Angular JS, CSS3 , MySQL)
- Experienced in architecting & developing solutions using frameworks like laravel.
- Experienced in working on APACHE, ENGINEX, IIS servers. Worked with clustered environment, UNIX platform
- Experienced in using various JavaScript frameworks
- Should be capable of presenting and defending designs/architecture to customers
- Should be capable of working across multiple projects parallel
- Should be competent to do code reviews across multiple technologies
- Good in database design
- Sound knowledge of Object Oriented Programming, design patterns, frameworks etc.
- Must have good technical leadership skills

## **DATABASE EXPERT JOB DESCRIPTION**

### **Qualification**

B-Tech/MCA

### **Experience**

7 years of relevant technical experience in DB Design, Tuning, Optimization using MYSQL and POSTGRES SQL

### **Desirable Experience**

- Experience working in Big Size Government projects/Citizen Facing projects
- Certification like Oracle Certified MYSQL 5.6 Database Administrator Certification

### **Main Responsibilities**

- Develop and optimize physical design of MySQL database systems.
- Monitor hardware resource utilization, recommending to management additional hardware necessary for forecasted levels, working with staff to maximize performance
- Develop and support MySQL database replication.
- Performance optimization and tuning.
- Database design/architecture.
- Schema design.
- Index design.
- Operational skillset.
- Access to database files and log files.
- Securing both read and write access.
- Filesystem permissions.
- Define backup strategy and design, implement, document, and practice a disaster recovery plan.
- Provide analysis, design, and peer-reviews for new work and legacy overhauls.
- Evaluate database security and access controls.
- Analyze and tune poorly-performing queries.
- Create documentation (e.g., ER diagrams, Data Dictionary) for new work and legacy entities.
- Strong process and methodology to work through SDLC for database deployment.
- Experience with PostgreSQL