



## RECRUITMENT NOTIFICATION

1. eHealth Project Management Unit, Department of Health & Family Welfare, Government of Kerala invites applications from eligible candidates for recruitment under the eHealth Kerala project on contract basis for the following positions in specialized segments. eHealth is one of the most important mission mode projects that is being executed by Dept of Health & FW, Government of Kerala.

Sl No	Position	Monthly Salary (Consolidated)	No of posts
1	Sr Software Engineer (Java)	Rs. 60,000 to 70,000	1
2	Software Engineer (Android)	Rs. 50,000 to 60,000	1
3	Software Engineer (Java)	Rs. 40,000 to 50,000	7
4	Software Engineer (Testing)	Rs. 40,000 to 50,000	3

**Note:** The Selected candidates will be posted at the eHealth Project Management Unit at Thiruvananthapuram.

The initial posting will be for a period for 3 years, which may be extended there after based on performance and requirement. An annual increment of 10% of the initial Consolidated Monthly Salary will be paid based on performance review and annual appraisal.

### 2. Schedule of events

Last date for Submission of applications: **15/06/2021**

### 3. Eligibility Criteria

The applicants intending to apply should ensure that they fulfill the eligibility criteria specified herein below before applying. The cut-off date for attaining the prescribed eligibility shall be the date of notification.

**4. Nationality:** Applicant must be a citizen of India

### 5. How to apply

Applications shall be sent to [ehealth@kerala.gov.in](mailto:ehealth@kerala.gov.in) in the prescribed format.

Physical application **WILL NOT** be accepted.

Address for correspondence:

The Project Director  
eHealth Project Management Unit  
Directorate of Health Services,  
General Hospital Junction  
Thiruvananthapuram - 695035

Contact Office No : 0471 2983033 ;

Email : [ehealth@kerala.gov.in](mailto:ehealth@kerala.gov.in)

## 6. Selection Criteria

- a) The selection of candidates to the notified positions shall be based on written test and / or personal interview conducted. eHealth reserves the right to cancel the recruitment process at any stage without citing any reasons thereof.
- b) Canvassing in any form by an applicant will lead to his / her disqualification in the selection process.
- c) The applicants are advised in their own interest that they should not furnish any false, tampered or fabricated particulars / documents and should not suppress any material information while submitting the application.
- d) If an applicant is found guilty of using unfair means during the selection process and / or impersonating or procuring impersonation by any person and / or misbehaving and / or resorting to any irregular or improper means in connection with his / her candidature and / or obtaining support for his / her candidature, by any means, he / she shall be disqualified from the selection process for which he / she is a candidate.

## 7. Qualification and Experience:

It should be noted that the eligibility criteria specified herein is the basic qualification for applying the positions. However, merely applying for / appearing for and/or qualifying at any stage of selection process for the positions does not imply that a candidate will necessarily be eligible for employment / confer right on him / her for appointment in the notified position.

### 7.1 Senior Software Engineer (JAVA)

#### Job Brief

Senior Software Engineer has to make intuitive high level decisions for software development. Will see the “big picture” and create architectural approaches for software design and implementation to guide the development team. Has a strong technical background and excellent IT skills. Must be experienced in designing and

possess ability to develop a unified vision for software characteristics and functions. Has to provide a framework for the development of a software or system that will result in high quality IT solutions.

### Responsibilities

1. Software development for Hospital & Public Health management.
2. Lead the software team to develop software modules as per the user requirement.
3. Develop high-level product specifications with attention to system integration and feasibility.
4. Collaborate with other professionals to determine functional and non-functional requirements for new software modules.
5. Use tools and methodologies to create representations for functions and user interface of desired product.
6. Define all aspects of development from appropriate technology and workflow to coding standards.
7. Communicate successfully all concepts and guidelines to development team.
8. Oversee progress of development team to ensure consistency with initial design.
9. Provide technical guidance and coaching to developers and engineers.
10. Ensure software meets all requirements of quality, scalability, security, modifiability, extensibility etc.
11. Approve final product before launch.

### Educational Qualification:

- B.E / B.Tech ( any branch) / M. Tech ( any branch) / MCA / M.Sc Comp Science / M Sc Engg(Comp Science).
- Must have 60% marks for the qualifying exam.

**Age of Applicant :** The candidates should have attained a minimum age of 28 years and shall not be more than 40 years as on the date of notification .

### Experience & Skillset

1. Must have minimum of six years proven industry experience as software developer and designer ( or above) in Java / J2EE technologies
2. Must have hands on experience in Core Java, JDBC, Servlet, JSP, JavaScript, AJAX, JQuery, BootStrap, Hibernate, REST, JSON
3. Experience / Expertise in MVC Frameworks (STRUTS / SPRING / Hibernate etc)
4. Excellent Knowledge with relational databases, Postgres, MySQL and ORM technologies.

5. Must have hands on experience in using servers such as Tomcat, JBoss etc and development platforms such as Eclipse etc
6. Experience of software and application design and architecture, patterns, good practices
7. Must be familiar with quality processes, project estimation and planning
8. Excellent knowledge of UML and other modelling methods
9. Familiarity with HTML/CSS, JavaScript and UI/UX design
10. Outstanding communication and presentation abilities

## 7.2. Software Engineer (Android)

### Job brief

**Senior Mobile Application Development Engineer** has to create secure and functional mobile application code for the public health management module of eHealth. The candidate must have a passion for technology and software building. Attention to detail and an analytical mind are essential qualities for a successful career in hybrid mobile app development. Design and build superior and innovative software by writing clean and flawless code with well documented version management.

### Responsibilities

- a) Make modifications to the existing Android Application code to suit the changes in Business rules
- b) Build and manage Android/IOS/Windows application using any or all of the following frameworks - IONIC / React Native/ Flutter / KOTLIN on development, staging and production systems.
- c) Collaborate with business analysts and developers to produce software designs.
- d) Formulate program specifications and basic prototypes.
- e) Transform software designs and specifications into high functioning code in the appropriate language.
- f) Integrate individual Mobile applications to higher level systems.
- g) Test code periodically to ensure it produces the desirable results and perform debugging when necessary.
- h) Package Mobile applications into APK files for easy deployment using Mobile device management software.
- i) Perform upgrades to make software and systems more secure and efficient.
- j) Collaborate with technical writers to create documentation for user support.

### Requirements :

- B.E / B.Tech ( any branch) / M. Tech ( any branch) / MCA / M.Sc Comp Science / M Sc Engg(Comp Science).

- Must have 60% marks for the qualifying exam.

**Age of Applicant :** The candidates should have attained a minimum age of 27 years and shall not be more than 35 years as on the date of notification

### Experience

- Five years of proven experience as a mobile app Android developer.
- Ability to program new projects in Hybrid languages such as Kotlin/Flutter/Ionic/ React Native etc from scratch.
- Build and manage Android mobile application using Eclipse/ Android Studio IDE tools on development, staging and production systems
- Knowledge with relational databases, Postgres, SQLite.
- Detail-oriented and excellent concentration ability.
- An analytical mindset and critical thinking.
- Demonstrable ability to discover and fix errors in code.

## 7.3 Software Engineer (JAVA)

### Job brief

Software Engineer has to create secure and functional code. Provide quality coding solutions both for simple applications and complex information. Should have passion for technology and software building. Attention to detail and an analytical mind are essential qualities for a successful career in programming. The goal is to design and build superior and innovative software by writing clean and flawless codes.

### Responsibilities

- Make modifications to the existing Application code to suit the changes in Business rules
- Collaborate with business analysts and developers to produce software designs.
- Formulate program specifications and basic prototypes.
- Transform software designs and specifications into high functioning code in the appropriate language.
- Integrate individual software solutions to higher level systems.
- Use web-based tools to create advanced SaaS when applicable.
- Test source code periodically to ensure it produces the desirable results and perform debugging when necessary.
- Perform upgrades to make software and systems more secure and efficient.
- Collaborate with technical writers to create documentation for user support.

### Educational Qualification :

- B.E / B.Tech ( any branch) / M. Tech ( any branch) / MCA / M.Sc Comp Science / M Sc Engg(Comp Science).
- Must have 60% marks for the qualifying exam.

**Age of Applicant :** The candidates should have attained a minimum age of 25 years and shall not be more than 35 years as on the date of notification .

### Experience & Skillset

- a) Minimum 3 years of proven industry experience as a Software developer in Java / J2EE technologies
- b) Must be able to develop application independently using Java / J2EE technologies (, Servlet, JSP, JavaScript, AJAX, JQuery, BootStrap, Hibernate, REST, JSON)
- c) Experience in developing web applications using popular web frameworks (JSF, GWT, Spring MVC/ Spring Boot).
- d) Ability to code applications for Object oriented multithreaded coding methods.
- e) Knowledge with relational databases, Postgres, MySQL and ORM technologies.
- f) Detail-oriented and excellent concentration ability.
- g) An analytical mindset and critical thinking.
- h) Demonstrable ability to discover and fix errors in code.

### Preferable Experience, Skillset

- i) Hands on experience in using servers such as Tomcat, JBoss etc and development platforms such as Eclipse etc
- j) Familiar with quality processes, project estimation and planning
- k) Knowledge of UML and other modeling methods
- l) Good communication and presentation abilities
- m) Candidates with relevant Certification will be given preference

## 7.4 Software Engineer (Testing)

### Job brief

To ensure successful testing and verification of the software, ensuring flawless, secure code. Candidate should have a passion and understanding of various technologies and tools used in various stages of software development life cycle. Attention to detail and an analytical mind are essential for this role.

### Responsibilities

- a) Prepare test plan, test cases for functional and non functional testing and User acceptance testing.
- b) Collaborate with domain experts and developers to prepare software testing plan and execution.
- c) Formulate traceability matrix for test cases with reference to requirements specifications.
- d) Use of testing tools and processes for effective testing and reporting
- e) Test code periodically to ensure it produces the desirable results and perform debugging when necessary.
- f) Perform re-testing after upgrades to make software and systems more secure and efficient.
- g) Collaborate with technical writers to create testing documentation for user acceptance support.

### **Educational Qualification:**

- B.E / B.Tech ( any branch) / M. Tech ( any branch) / MCA / M.Sc Comp Science / M Sc Engg(Comp Science).
- Must have 60% marks for the qualifying exam.

**Age of Applicant :** The candidates should have attained a minimum age of 25 years and shall not be more than 35 years as on the date of notification .

### **Experience, Skillset, Certification :**

- a) Minimum three years of experience as a software tester.
- b) Must have experience in testing complex applications
- c) Should be able to handle the end to end testing process independently
- d) Understanding of technologies such as Java (J2EE), XML, Python, Mobile technologies etc.
- e) Must be familiar with DB and should be able to write DB queries independently
- f) Must be familiar with functional testing and various types of non functional testing that are used in large projects
- g) An analytical mindset and critical thinking.
- h) Problem analysis skills and to help identifying the root cause effectively.
- i) Must be able to collaborate with various stakeholders of the program.
- j) Candidates with relevant Certification will be given preference