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.

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Position</th>
<th>Monthly Salary (Consolidated)</th>
<th>No of posts</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Software Architect</td>
<td>Rs. 1,00,000 to 1,25,000</td>
<td>One</td>
</tr>
<tr>
<td>2</td>
<td>Software Engineer (JAVA)</td>
<td>Rs. 40,000 to 50,000</td>
<td>Six</td>
</tr>
<tr>
<td>3</td>
<td>Software Engineer (Android)</td>
<td>Rs. 40,000 to 50,000</td>
<td>One</td>
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</table>

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

The initial posting will be initially for a period for 3 years, which may extend 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: **20/11/2019**

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. No physical application will 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

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 Software Architect
We are looking for an experienced Software Architect to make intuitive high level decisions for software development. You will see the “big picture” and create architectural approaches for software design and implementation to guide the development team.
Candidate shall possess strong technical background and excellent IT skills with experience in designing, ability to develop a unified vision for software characteristics and functions. The goal is to provide a framework for the development of a software or system that will result in high quality IT solutions.

Responsibilities

- Collaborate with other professionals to determine functional and non-functional requirements for new software or applications
- Use tools and methodologies to create representations for functions and user interface of desired product
- Develop high-level product specifications with attention to system integration and feasibility
- Define all aspects of development from appropriate technology and workflow to coding standards
- Communicate successfully all concepts and guidelines to development team
- Oversee progress of development team to ensure consistency with initial design
- Provide technical guidance and coaching to developers and engineers
- Ensure software meets all requirements of quality, security, modifiability, extensibility etc.
- Design appropriate testing methodology for System Testing and User Acceptance Testing.
- Control of software development and production versions.
- Approve final product before launch

Educational Qualification: First Class degree in BE / B.Tech (CS/EC/ IT/ EEE) / MCA

Certification (Preferable):

- TOGAF Level-1/Level-2 or CSP or IT4IT Certification
- DBA certification

Experience:

a) Should possess a minimum of 10 years in Software development.
b) Should have proven experience of minimum 3 years as software architect.
c) Experience in software development and coding in various languages (Java, PHP etc.)
d) Excellent knowledge of software and application design and architecture
e) Excellent knowledge of UML and other modelling methods
f) Extensive experience in REST, SOAP Web services frameworks, Spring, Microservices, Multi-tier architecture.
g) Good in Hibernate and database (POSTGRESS/MYSQL or equivalent)
h) Familiarity with HTML/CSS, JavaScript and UI/UX design
i) Understanding of software quality assurance principles
j) A technical mindset with great attention to detail
k) High quality organizational and leadership skills.
I) Outstanding communication and presentation abilities

**Age of Applicant**: The candidates should have attained a minimum age of 30 years and shall not be more than 45 years as on the date of notification.

7.2 **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 for open source operating systems. 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**

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

**Requirements**:

**Educational Qualification**: First Class degree in BE / B.Tech (IT / CS/ ECE / EE) / MCA

**Experience**:

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 (JDBC, Servlet, JSP, JavaScript, AJAX, JQuery, BootStrap, Hibernate, REST, JSON)
c) Experience in developing web applications using popular web frameworks (JSF, GWT, Spring MVC).
d) Ability to code applications for Object oriented multithreaded coding methods.
e) Excellent 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.

**Additional skills (Preferable):**

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

**Age of Candidate:**

The candidates should have attained a minimum age of 25 years and shall not be more than 40 years as on the date of notification.

**7.3 Software Engineer - Android Development**

**Job brief**

Android Software developer 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 android programming. 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 mobile application using ADK/ Eclipse/Net Beans IDE tools on development, staging and production systems.
c) Knowledge on Gradle Build Tools and Android Emulator are essential.
d) Collaborate with business analysts and developers to produce software designs.
e) Formulate program specifications and basic prototypes.
f) Transform software designs and specifications into high functioning code in the appropriate language.
g) Integrate individual Mobile applications to higher level systems.
h) Test code periodically to ensure it produces the desirable results and perform debugging when necessary.
i) Package Mobile applications into APK files for easy deployment using Mobile device management software.
j) Perform upgrades to make software and systems more secure and efficient.
k) Collaborate with technical writers to create documentation for user support.
Requirements:

Educational Qualification: First Class degree in BE / B.Tech (IT / CS/ ECE / EE) / MCA

Experience:

a) Minimum Three Years proven experience as an android developer or relevant role.

b) Experience in agile product development and delivery methodology.

c) Ability to program in languages Java (J2EE), XML etc.

d) Build and manage Android mobile application using ADK/Eclipse/ Net Beans IDE tools on development, staging and production systems.

e) Knowledge on Gradle Build systems and Android Emulator is essential.

f) Knowledge with relational databases, Postgres, SqlLite.

g) Detail-oriented and excellent concentration ability.

h) An analytical mindset and critical thinking.

i) Demonstrable ability to discover and fix errors in code.

Age of Applicant:

The candidates should have attained a minimum age of 25 years and shall not be more than 40 years as on the date of notification.
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| IDENTITY PROOF   | : |
| ID PROOF NUMBER  | : |

Paste your recent color passport size photograph
**ACADEMIC BACKGROUND**

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<tr>
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**DETAILS OF WORK EXPERIENCE**

(Starting with the most recent)

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<tr>
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<th>To Date</th>
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**SUMMARY OF YOUR EXPERIENCE**

**EXTRA CURRICULAR ACTIVITIES**
DISTINCTION, HONORS, ACHIEVEMENTS:

AWARDS RECEIVED (Academic and Community):

DECLARATION:
I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.

PLACE: NAME
DATE: SIGNATURE