eHealth Kerala
State Digital Health Mission

Recruitment Notification-SDHM/01/2024

State Digital Health Mission/ eHealth Kerala, 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	Senior Software Engineer (JAVA)	Rs.70,000/-	2
2	Software Engineer (JAVA)	Rs.50,000/-	10
3	UI/UX Expert	Rs.50,000/-	1
4	Software Engineer (PHP)	Rs.50,000/-	2
5	Junior Developer (JAVA)	Rs.25,000/-	10

*Vacancies may vary based on project requirement

Note:-

- The initial posting will be for a period for 3 years, which may be extended thereafter based on performance and requirement. An annual increment of 5% to the maximum 10% of the initial consolidated monthly salary will be paid based on performance review and annual appraisal.
- The Selected candidates will be posted at the eHealth Project Management Unit at Thiruvananthapuram. The rank list will be valid for a period of one year and the selected candidates will be considered for appointment in the vacancies that arise at different streams, anytime during the period.

Other Perks:

- **Employee Provident Fund**
- **Earned Leave**

Schedule of events

Last date for Submission of applications: within 20 days from the date of notification

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.

Nationality: Applicant must be a citizen of India

How to apply:

Applications shall be sent to **ehealth@kerala.gov.in** in the prescribed format. ***Physical application WILL NOT be accepted***.

Selection Criteria

1. 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.
2. Canvassing in any form by an applicant will lead to his / her disqualification in the selection process.
3. 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.
4. Educational qualification for above mentioned posts should be recognized by Government of Kerala.
5. Claims in respect of qualifications/experience and etc. should be supported by copies of relevant documents; candidates may be required to produce the originals at the time of interview/ certificate verification process.

6. The successful candidate will have to enter into a contract with the eHealth Kerala / State Digital Health Mission.
7. The vacancies are for immediate requirement and eHealth-SDHM may prioritize the interview for different category of posts, on the basis of requirements.
8. 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.

Qualification & Experience

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

I. 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 /MSc 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 45 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.

II. SOFTWARE ENGINEER (JAVA)

Job brief:

A 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:

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

Educational Qualification

- BE/B.TECH/M.Tech(ECE/CS/IT/EEE)/MCA/M.Sc Computer Science/MSc Engg (Comp Science)
- Must have 60% marks for the qualifying exam.

Age of Applicant

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

Experience & Skill Set

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

Preferable Experience, Skillset

1. Hands on experience in using servers such as Tomcat, JBoss etc and development platforms such as Eclipse etc
2. Familiar with quality processes, project estimation and planning
3. Knowledge of UML and other modelling methods
4. Good communication and presentation abilities
5. Candidates with relevant Certification will be given preference.

III. UI/UX DEVELOPER

Job brief

We are looking for an experienced and creative UI Designer to join our team. As an UI Designer, you will be responsible for delivering the best online user experience, which makes your role extremely important for our success and ensuring customer satisfaction. You will be designing ideas using various methods and latest technology. You will be designing graphic user interface elements, like menus, tabs, forms, and widgets.

Roles & Responsibilities

1. Develop design documents and provide estimates for the stakeholder requirements.
2. Develop/ Re-engineer the new / existing user interface with HTML5, CSS3, Javascript, jQuery /Javascript frameworks to meet cutting-edge technology requirements with responsive web designing.
3. Implement Page Optimization techniques for web pages, employ Best Practices in front end development and handle Cross Browser compatibility issues in web pages.
4. Develop wireframes and mockups using for application storyboards and development.

Educational Qualification:

- Degree in BE/B.Tech/M.Tech (ECE / CS / IT/ EEE) / MCA / PGDCA / 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 24 years and shall not be more than 35 years as on the date of notification.

Experience, Skillset & Certification

1. Must have 3 years' experience as UI/front end developer in the prescribed skillsets.
2. Experience with JavaScript, HTML5, CSS3
3. Experience in popular JavaScript Frameworks and PHP frameworks Hands-on experience with CMS like WordPress, Drupal, Web development technologies including PHP, HTML, CSS, JavaScript, JQuery and Database Management.
4. Should have experience with modern websites with responsive design.
5. Experience in Search Engine optimization and Search engine marketing is a plus.
6. Experience with interface design for mobile platforms.
7. Knowhow in Hybrid mobile framework like Ionic, flutter or React Native. Must have strong knowledge in development of Responsive Web Design using Bootstrap.
8. Knowledge in working with Version Control using GIT/SVN.
9. Must have good testing, debugging & problem-solving skills in front end development.
10. Good working knowledge in image processing tools like Photoshop/Corel Draw/ Illustrator.
11. Ability to work with a team.
12. CandidateswithrelevantCertificationwillbegivenpreference.
13. Good Interpersonal and communication skills.

IV Software Engineer (PHP)

Job brief

A Software Engineer has to create secure and functional code. Provide quality coding solutions both for simple applications and complex information. Should have a 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.

Roles & Responsibilities

1. Create, test and deploy new, innovative website applications in a timely and efficient manner, while concurrently working with other developers.
2. Identify and fix compatibility issues involving CSS, HTML, and scripting, often between a series of different platforms and browsers.
3. Implement Page Optimization techniques for web pages, employ Best Practices in front end development and handle Cross Browser compatibility issues in web pages.
4. Test websites on all sorts of browsers (mobile, notebook, tablet), and address issues identified by user feedback.
5. Research and explore various architectural considerations relating to the system design process, including web usability, the website's performance, and database design. Explore and assess different alternatives for implementing new application features.
6. Develop plans for keeping the website updated and current at all times, recommend improvements for performance, create and fine-tune style guidelines for the website's content, and choose the most effective design tools, programming languages, and applications.
7. Security vulnerability fixing.

Skill sets required:

1. Strong programming skill in PHP frameworks like Codeigniter / Laravel.
2. Must be familiar with HTML & CSS, Javascript & Jquery, AngularJS, VueJS, ReactJS.
3. Must be familiar in databases like PostgreSQL / MySQL.
4. Must have strong working experience in handling Restful Web Services.
5. Preferable knowledge on WebGIS.
6. Knowledge on Content Management Systems like Drupal.
7. Must have strong knowledge in development of Responsive Web Design using Bootstrap.
8. Should have experience in working with Version Control using GIT/SVN.
9. Must have good testing, debugging & problem solving skills in front end development.
10. Good Interpersonal and communication skills Ability to work with a

team.

Educational Qualification

- B.E/B.Tech/ M. Tech (ECE/CS/IT/EEE) / 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

Must have 3 years' experience as PHP developer in the prescribed skillsets.

V Junior Developer (JAVA)

Job requirement

1. Build scalable and maintainable Healthcare Technology systems that runs gracefully for digitizing the health sector in Kerala.
2. Design, build, and maintain efficient, reusable, and reliable code that supports the functional specs.
3. Write testable software in collaboration with testers Create automated tests in collaboration with testers.
4. Make modifications to the existing Java Application code to suit the changes in Business rules.
5. Continuously improve development process.
6. Prepare reports, manuals and other documentation on the status, operation and maintenance of software.
7. Perform other functions that will be assigned by Technical leads.
8. Have ability to contribute in medium to complex tasks independently.
9. Apply the technical skills and curiosity to the product development process.
10. Ensure the best possible performance, quality, and responsiveness of applications.
11. Should work with technologies Java, Spring Core, REST/JSON, Postgres, Linux, Maven, JMS/AMQP etc.

Expectation about candidate:

1. Work within a project from start to finish, ideally from a ground-up development perspective.
2. Have the mindset and skills to become an effective part of a cross-function, self-organizing, self-managing team.
3. Be technically brilliant (or getting there).
4. Have both theoretical / practical knowledge of agile and/or lean software development.

Educational Qualification

- B.E / B.Tech (CS / EC/EEE / IT) or M. Tech (EC/CS/ IT/EEE) or MCA or M.Sc Comp Science or M.Sc Engg. (Comp Science).
- Must have 60% marks for the qualifying exam.

Other job Qualification

1. Certification in JAVA Course (Desirable)
2. Working knowledge of software design.
3. Knowledgeable in concepts of OOP, HTML5, JavaScript, CSS3, SQL, and No SQL.
4. Effective communication, presentation, interpersonal, and analytic skills.

Age of Applicant

The candidates should have attained a minimum age of 21 years and shall not be more than 30 years as on the date of notification.

Note:-Selected candidates shall execute a bond for a minimum of 2 years failing which penalty equivalent to 2 months wages will be imposed.

Office Address

State Digital Health Mission

Directorate of Health Services,

General Hospital Junction

Thiruvananthapuram – 695035

Contact Office No :0471 2998033