



eHK/207/2024/OA

Dated:-12-01-2025

RECRUITMENT NOTIFICATION SDHM/06/2024

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 & Family Welfare, Government of Kerala.

Sl No	Position	Monthly Salary (Rs)	No of Posts
1	Software Architect	1,00,000	1
2	Senior System Admin	70,000	1
3	Senior Software Engineer	70,000	3
4	Software Engineer (JAVA)	50,000	10
5	Software Engineer (UI/UX Developer)	50,000	1
6	Junior Developer (PHP)	25,000	3

**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.
- The candidate must successfully complete a 6-month probation period in-order to continue for the remaining term of the contract

Other Perks:

- Employee Provident Fund

- Earned Leave

Schedule of events

- Last date for Submission of applications: **31.01.2025**

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 with Subject [Name of the post] ".
- Application shall be sent in the word format
- All documents and attachment shall be sent as a single pdf file along with the application.
- **Physical application WILL NOT be accepted.**

Selection Criteria

- 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.
- Canvassing in any form by an applicant will lead to his / her disqualification in the selection process.
- 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.
- Educational qualification for above mentioned posts should be recognized by Government of Kerala.
- 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.
- The successful candidate will have to enter into a contract with the eHealth Kerala / State Digital Health Mission.
- The vacancies are for immediate requirement and eHealth-SDHM may prioritize the interview for different category of posts, on the basis of requirements.

- 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.

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:

- BE / B.TECH / M.TECH- (ECE / CS / IT / EEE) MCA / MSc (CS)
- Desirable Qualification- PMP / PRINCE2 / MCSE / TOGAF / MBA / OCP_JAVA
- Must have 60% marks for the qualifying exam.

Age of Applicant: The candidates should have attained a minimum age of 32 years and shall not be more than 40 years as on the date of notification

Experience:

- a) Should possess a minimum of 7 years of experience in Software development and minimum 3 years of proven experience as software architect.
- b) Experience in solution architecture, designing of IT solution/ software requirements, deliverables such as conceptual design, usability, external data interface requirements, data loading, maintenance plans
- c) Experience in software development and coding in various languages (Java, PHP etc.)
- d) Should have experience in microservice architectures, DevOps engineering and Cloud
- e) Excellent knowledge of UML and other modelling methods
- f) Extensive experience in Distributed computing, API Driven Development, RDBMS, RESTful services, SOAP Web services frameworks, Spring, Microservices, Multi-tier architecture.
- g) Good in Hibernate and database (POSTGRES / 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
- l) Outstanding Communication and presentation abilities.
- m) Ability to adopt to latest technologies.

2. SENIOR SYSTEM ADMIN**Job Brief**

A Senior Systems Administrator has to help build out, maintain, and troubleshoot our rapidly expanding infrastructure. System Admin should have a background in IT, computer systems engineering or systems engineering and analysis. They will be part of a talented team of engineers that demonstrate superb technical competency, delivering mission critical infrastructure and ensuring the highest levels of availability, performance and security.

Major Responsibilities

- Manage and monitor all installed systems and infrastructure.

- Install, configure, test and maintain Linux based operating systems, application software and system management tools.
- Proactively ensure the highest levels of systems and infrastructure availability.
- Monitor and test application performance for potential bottlenecks, identify possible solutions, and work with developers to implement those fixes.
- Maintain security, backup, and redundancy strategies.
- Write and maintain custom shell scripts to increase system efficiency and lower the human intervention time on any tasks.
- Participate in the design of information and operational support systems.
- Provide 2nd and 3rd level support.
- Liaise with OEM vendors and other IT personnel for problem resolution.

Educational Qualification

- **BE/B.TECH/MTECH (ECE/CS/IT/EEE) MCA/MS (CS)**
- **Desirable Qualification- RHCE or similar certifications**
- Must have 60% marks for the qualifying exam.

Age of the applicant

The candidates should have attained a minimum age of 32 years and shall not be more than 40 years as on the date of notification.

Experience

- Minimum working experience of 10 years in IT, out of which minimum 4 years working experience in installing, configuring and troubleshooting UNIX /Linux based environments.
- Must have 2 years of industry experience in Linux Administration
- Experience and expertise include: Installation and Commissioning of Operating Systems, PostgreSQL, MySQL, APACHE, TOMCAT Servers. Solid experience in the administration and performance tuning of application stacks (e.g. Tomcat, JBoss, Apache, NGINX, HAProxy).
- Experience with virtualization and containerization (e.g. VMware, cluster and cloud environment, Docker, Kubernetes).
- Experience with monitoring systems and tools such as Zabbix, Nagios etc.
- Good scripting skills (e.g., shell scripts, Perl, Python).
- Good knowledge on networking (OSI network layers, TCP/IP).
- Experience with SAN storage environment with RAID implementation.
- Experience with backup tools and processes.

3. 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

- Software development for Hospital & Public Health management.
- Lead the software team to develop software modules as per the user requirement.
- Develop high-level product specifications with attention to system integration and feasibility.
- Collaborate with other professionals to determine functional and non- functional requirements for new software modules.
- Use tools and methodologies to create representations for functions and user interface of desired product.
- 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, scalability, security, modifiability, extensibility etc.
- Approve final product before launch.

Educational Qualification:

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

Age of Applicant: The candidates should have attained a minimum age of 32 years and shall not be more than 40 years as on the date of notification.

Experience & Skillset

1. Must have minimum of 6 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 SPRING Frameworks.
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.

4. 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:

- 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

- BE/B.TECH/M.Tech(ECE/CS/IT/EEE)/MCA/M.Sc Computer 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 40 years as on the date of notification.

Experience & Skill Set

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

Preferable Experience, Skill set

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

5. 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

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

Educational Qualification:

- Degree in BE / B.Tech / M.Tech (ECE / CS / IT/ EEE) / MCA/ M.Sc 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 35 years as on the date of notification.

Experience, Skill set & Certification

- Must have 3 years experience as UI/front-end developer in the prescribed skill sets.
- Experience with JavaScript, HTML5, CSS3
- 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.
- Should have experience with modern websites with responsive design.
- Experience in Search Engine optimization and Search engine marketing is a plus.
- Experience with interface design for mobile platforms.
- Know how in Hybrid mobile framework like Ionic, flutter or React Native. Must have strong knowledge in development of Responsive Web Design using Bootstrap.
- Knowledge in working with Version Control using GIT/SVN.
- Must have good testing, debugging & problem-solving skills in front end development.
- Good working knowledge in image processing tools like Photoshop/Corel Draw/Illustrator.
- Ability to work with a team
- Candidates with relevant Certification will be given preference.
- Good Interpersonal and communication skills.

JUNIOR DEVELOPER (PHP)

Job requirement

1. Minimum 6 months of proven industry experience as a Software developer in PHP with knowledge in latest PHP related frameworks.
2. Implementing the core functionality of web applications, including user authentication, data processing, and business logic.
3. Understanding project requirements and translating them into technical specifications.
4. Designing, implementing, and maintaining databases (eg: PostgreSQL, MySQL) and ensuring efficient data storage and retrieval.
5. Connecting applications to external web services and APIs (e.g., payment gateways, email services). Enable communication between different software systems.
6. Identifying and resolving issues in the codebase to ensure smooth application performance.

7. Writing unit tests and conducting other forms of testing to ensure code quality.
8. Identifying and addressing performance bottlenecks to improve application speed and scalability.
9. Implementing security best practices to protect applications from vulnerabilities (eg: e.g., SQL injection, XSS etc)
10. Keeping abreast of the latest PHP frameworks, tools, and best practices.
11. Familiarity with HTML, CSS, JavaScript, and front-end frameworks.
12. Knowledge of RESTful APIs and web services.

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/M.Tech(CS/ECE/EEE/IT) or MCA/M.Sc Computer Science.
- Must have 60% marks for the qualifying exam.

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.