



## **RECRUITMENT NOTIFICATION**

eHealth Kerala, State Digital Health Mission, 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 (eHealth)*
1	Business Analyst	Rs.70,000	1(CCS)
2	Senior Network Admin	Rs.70000	1
3	Senior System Admin	Rs.70000	1
4	Senior Software Engineer (Python)	Rs.70000	1
5	Software Engineer (Java)	Rs.50000	8
6	Software Engineer (Python)	Rs.50000	1
7	Software Engineer (Testing)	Rs.50000	1
8	Software Engineer (Android)	Rs.50000	1
9	Junior Developer	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 maximum of 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.

### **1. Other Perks :**

- Provident Fund
- Medical Reimbursement ( after completion of 1 Year )
- Earned Leave encashment (after completion of 1 Year)

### **2. Schedule of events**

Last date for Submission of applications: within 10 days from the date of notification

### **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/State Digital Health Mission  
Directorate of Health Services,  
General Hospital Junction  
Thiruvananthapuram – 695035  
Contact Office No :0471 2998033

### **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 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.

• **BUSINESS ANALYST**

### **Job Brief :**

We are looking for an experienced Business Analyst who possesses sufficient domain knowledge and experience in the Healthcare domain and Healthcare Technology .

### **Roles & Responsibilities**

- Analyzing and documenting the end user requirement for the healthcare domain.
- Creating a detailed business analysis, outlining problems, opportunities and solutions for each scenario.
- Defining business requirements and reporting them back to stakeholders
- Assisting with the business case
- Planning and monitoring
- Eliciting requirements, Requirements analysis, Requirements organization, Translating and simplifying requirements, Requirements management etc
- Finalizing & Communicating successfully all concepts, guidelines and requirements to the development team.
- Oversee progress of development team to ensure consistency with initial design
- Provide necessary guidance to the development teams as the existing standard and legal requirements related to the functionality, quality, security,etc.
- Provide necessary inputs for System Testing and User Acceptance Testing.
- Control of software development and production versions, based on requirements
- Verify final product before launch and prepare roadmap related notes
- Stakeholder feedback analysis.

### **Requirements :**

#### ***Educational Qualification:***

- BE/B.TECH/M.Tech (ECE/CS/IT/EEE)/MCA/M.Sc (C.S)
- Must have 55% marks for the qualifying exam.

**Age of Applicant :** The candidates should not exceed the age of 45 years as on date of Notification Candidates should

### Experience & Skill Set :

- Should possess a minimum of 5 years' experience as Business Analyst, Software implementation lead in planning, development and implementation of Hospital Management System in bigger hospitals.
- Experience in system study, analysis, preparation of Business Requirement Documents, Impact Analysis document, Change Request documents etc and getting approval from stakeholders - especially in Healthcare domain.
- Experience in conducting strategic business process modeling.
- Critical thinking and problem-solving proficiency
- A technical mindset with great attention to detail
- High quality organizational and leadership skills.
- Outstanding communication and presentation skills

### Preferable Experience & Skill set & Certification:

- Interpersonal and consultative skills
- Facilitation skills
- Being detail-oriented and capable of delivering a high level of accuracy
- Stakeholder analysis
- Processes modeling
- Basic understanding of networks, databases and other technology
- Understanding of any of the business analysis Tools like TopTeam Analyst, Blueprint, etc is desirable
- Candidates with Certification in Project Management /MBA will be given preference

### ● SENIOR NETWORK ADMINISTRATOR

#### Job Brief:

Senior Network Administrator will be responsible for maintaining reliable, secure and efficient data communications networks with high availability. The candidate should be able to deploy, configure, maintain and monitor all active network equipment in order to ensure smooth network operation.

**Major Responsibilities:**

- Fully support, configure, maintain and upgrade eHealth networks and in house servers.
- Install and integrate new network hardware and applications.
- Keep an eye out for needed updates.
- Support and administer third-party applications.
- Ensure network security and connectivity by coordinating with OEM vendors and State Data center NOC.
- Monitor network performance (availability, utilization, throughput and latency) and test for weaknesses.
- Set up Access controls, user accounts, permissions and passwords.
- Resolve problems reported by the end user.
- Define network policies and procedures.
- Specify system requirements and design solutions.
- Research and make recommendations on network system administration.

**Educational Qualification:**

- BE/B.TECH/M.Tech (ECE/CS/IT/EEE)/MCA/M.Sc (C.S)
- Must have 55% marks for the qualifying exam.

**Age of Applicant:** The candidates should not exceed the age of 40 years as on date of Notification .

**Certification :**CCNA/CCNP

**Experience :**

- Minimum working experience of 7 years, out of which minimum 4 years as Network Administrator.
- Preferably in a Data Centre/Cloud Environment
- Hands on experience in networking, routing and switching
- Excellent knowledge of best practices around management, control, and monitoring of server/router/ wireless infrastructure
- Experience with firewalls, MPLS VPNs, Proxy, Internet VPNs remote implementation, troubleshooting, and problem resolution is desired
- Ability to set up and configure network devices for VLAN, VPN, and Inter
- VLAN routing.
- Familiarity with backup and recovery software for network infrastructure.
- Great at organizing, prioritizing and multitasking.

• **SENIOR SYSTEM ADMINISTRATOR**

***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/M.Tech (ECE/CS/IT/EEE)/MCA/M.Sc (C.S)
- Must have 55% marks for the qualifying exam.

***Age of the applicant:***

The candidates should not exceed the age of 35 years as on the date of notification.

***Certification :***

- RHCE

**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).
- Experience with virtualization and containerization (e.g., VMware, HyperV and cluster environment).
- Experience with monitoring systems and tools such as Nagios.
- 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.

• **SENIOR SOFTWARE ENGINEER (PYTHON)**

**Job Brief**

A 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 the 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**

- Designing and developing new web applications.
- Maintaining and troubleshooting existing web applications.
- Writing and maintaining reliable Python code.
- Integrating data storage solutions.
- Creating back-end components.
- Identifying and fixing bottlenecks and bugs.
- Integrating user-facing elements designed by the front-end team.

- Connecting applications with additional web servers.
- Maintaining APIs.
- 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 the development team.
- Oversee progress of the 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:***

- BE/B.TECH/M.Tech (ECE/CS/IT/EEE)/MCA/M.Sc (C.S)
- Must have 55% marks for the qualifying exam.

***Age of Applicant :***

The candidates should not exceed the age of 28 years as on date of notification.

***Experience & Skill Set***

- 6+ years of experience with Django Framework and Django Rest Framework(DRF)
- Experience with rapid prototyping
- Crisp understanding of Databases and SQL
- In-depth knowledge of Cloud Infrastructure
- Experience working with Kubernetes
- Good knowledge of Docker and Dockerized Dev Environments
- Understanding of REST APIs
- The ability to problem-solve and critically think.



**Addons:**

- Experience maintaining OpenSource Projects
- Experience working with Distributed Systems
- Experience working with Tailwind Design Systems
- Knowledge of JavaScript and the ReactJS is a plus
- Knowledge of GoLang

● **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 (C.S)
- Must have 55% marks for the qualifying exam.

***Age of Applicant:***

Candidates should not exceed age of 30 years as on notification date.

***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 popular web frameworks (JSF, GWT, Spring MVC/ Spring Boot).
- 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, Skillset***

- 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

● ***SOFTWARE ENGINEER (PYTHON)***

***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:***

- Write reusable, testable, and efficient code
- Lead the backend engineering team
- Engage with open-source contributors
- Optimization of the application for maximum efficiency and scalability
- Implement security and data protection practices across projects

***Educational Qualification :***

- BE/B.TECH/M.Tech (ECE/CS/IT/EEE)/MCA/M.Sc (C.S)
- Must have 55% marks for the qualifying exam.

***Age of Applicant :***

Candidates should not exceed the age of 30 years as on date of Notification.

***Experience & Skill Set***

- 3+ years of experience with Django Framework and Django Rest Framework(DRF)
- Experience with rapid prototyping
- Crisp understanding of Databases and SQL
- In-depth knowledge of Cloud Infrastructure
- Experience working with Kubernetes
- Good knowledge of Docker and Dockerized Dev Environments
- Understanding of REST APIs
- The ability to problem-solve and critically think.

***Addons:***

- Experience maintaining Open Source Projects
- Experience working with Distributed Systems
- Experience working with Tailwind Design Systems
- Knowledge of JavaScript and the ReactJS is a plus
- Knowledge of GoLang

• **SOFTWARE ENGINEER (TESTING)**

**Job brief:**

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

**Responsibilities:**

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

**Educational Qualification:**

- BE/B.TECH/M.Tech (ECE/CS/IT/EEE)/MCA/M.Sc (C.S)
- Must have 55% marks for the qualifying exam.

**Age of Applicant :**

Candidates should not exceed the age of 30 years as on date of Notification

**Experience, Skillset, Certification:**

- Minimum three years of experience as a software tester.
- Must have experience in testing complex applications.
- Should be able to handle the end to end testing process independently
- Understanding of technologies such as Java (J2EE), XML, Python, Mobile technologies etc.
- Must be familiar with DB and should be able to write DB queries

independently

- Must be familiar with functional testing and various types of non functional testing that are used in large projects
- An analytical mindset and critical thinking.
- Problem analysis skills and to help identify the root cause effectively.
- Must be able to collaborate with various stakeholders of the program.
- Candidates with relevant Certification will be given preference
- Demonstrable ability to discover and fix errors in code.

### ● *SOFTWARE ENGINEER (ANDROID)*

#### ***Job brief:***

A 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***

- Make modifications to the existing Android Application code to suit the changes in Business rules
- Build and manage Android/IOS/Windows mobile applications using any or all of the following frameworks - IONIC / React Native/ Flutter / KOTLIN on development, staging and production systems.
- 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 Mobile applications to higher level systems.
- Test code periodically to ensure it produces the desirable results and

perform debugging when necessary.

- Package Mobile applications into APK files for easy deployment using Mobile device management software.
- 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 (C.S)
- Must have 55% marks for the qualifying exam.

***Age of Applicant:***

Candidates should not exceed the age of 30 years as on date of Notification

***Experience***

- Minimum 2 years of proven experience as an android mobile app 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.

● ***JUNIOR DEVELOPER (JAVA)***

***Job requirement:***

- Build scalable and maintainable Healthcare Technology systems that run gracefully for digitizing the Health sector in Kerala.
- Design, build, and maintain efficient, reusable, and reliable code that supports the functional specs
- Write testable software in collaboration with testers
- Create automated tests in collaboration with testers.
- Make modifications to the existing Java Application code to suit the changes in Business rules

- Continuously improve development process
- Prepare reports, manuals and other documentation on the status, operation and maintenance of software.
- Perform other functions that will be assigned by Technical leads.
- Have ability to contribute in medium to complex tasks independently
- Apply the technical skills and curiosity to the product development process
- Ensure the best possible performance, quality, and responsiveness of applications.
- Should work with technologies Java, Spring Core, REST/JSON, Postgres, Linux, Maven, JMS/AMQP etc

***Expectation about candidate:***

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

***Educational Qualification:***

- BE/B.TECH/M.Tech (ECE/CS/IT/EEE)/MCA/M.Sc (C.S)
- Must have 55% marks for the qualifying exam.

***Other job qualification***

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

***Age of Applicant:***

Candidates should not exceed the age of 30 years as on date of Notification

