



KERALA STATE IT MISSION
ICT Campus, Vellayambalam, Trivandrum



KSITM/EC/RPR/2017

11.09.2017

Kerala State IT Mission, autonomous nodal IT implementation agency for Department of Information Technology, Government of Kerala, invites applications to various posts as per details given below:

1. Name of Post	: Security Analyst - Network
<i>Mode of Appointment</i>	: Contract for 3 years ONLY
<i>Number of vacancies</i>	: 1
<i>Project / Department</i>	: CERT-K
Qualification- Required	: MCA/BE/B.Tech in CS/IT/Electronics
	Certifications – CCNA(Routing and Switching), CCNP(Routing and Switching) and at least one Certification among:
	CISSP, CISM, ECSA, ENSA, SSCP, CCSP, GIAC certifications – GSEC, GCED, GPPA, GCIA, GMON, GSNA, CompTIA certifications - CompTIA CSA+, CompTIA Network+, CompTIA Security+
<i>Desirable</i>	: CCSA (Checkpoint Certified Security Administrator), JNCIA (Juniper Certified Network Associate) Fortigate certified (FCNIA)
<i>Experience</i>	: 8+ years in IT with 6+ years in Network Security.
<i>Age Limit</i>	: 45
Key Skills - Technical	: <ul style="list-style-type: none">• Experience working in a large complex networking environment is required. Excellent analytical and articulation skills. Expertise in managing and Troubleshooting Data center (DC) network with static routing, and dynamic routing protocols.• Manage and Troubleshoot DC switch network configurations Handle and troubleshoot DC Firewall products• Handle and Troubleshoot DC setup with IPSEC VPN tunnels configurations CS solutions like SIEM, DLP, APT, Proxy, End Point security• Configure Firewall/ IDS/ IPS with security rules• Good knowledge and hands on experience in handling and troubleshooting Web Security Services using Bluecoat Web Gateways• Strong understanding of IaaS and virtualization platforms such as Amazon Web Services (AWS) EC2, VMware vSphere, OpenStack, Azure etc

- Emerging Technologies - Cloud Security, Mobile -- Security, Data Analytics, Cyber Forensics, Cyber Risk Sciences etc.

- Behavioural

: Passionate, socially committed and willingness to work extra for the benefit of the organization

Job Description

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- Lead Security efforts in securing network infrastructure
- Risk Assessment of IT infrastructure of Govt
- Lead efforts to implement security solutions in Govt
- Lead efforts to implement security controls as part of ISO27001
- Create RFP and technically lead any outsourcing of network infrastructure security related work
- Provide expertise to Govt organizations in securing network infrastructure
- Plan, implement and upgrade security measures and controls
- Establish plans and protocols to protect digital files and information systems against unauthorized access, modification and/or destruction
- Maintain data and monitor security access
- Perform vulnerability testing, risk analyses and security assessments
- Conduct internal and external security audits
- Anticipate security alerts, incidents and disasters and reduce their likelihood
- Manage network, intrusion detection and prevention systems
- Analyze security breaches to determine their root cause
- Recommend and install appropriate tools and countermeasures
- Define, implement and maintain corporate security policies
- Train fellow employees in security awareness and procedures
- Coordinate security plans with outside vendors

2. Name of Post : Security Analyst - Software

Mode of Appointment

: Contract for 3 years ONLY

Number of vacancies

: 1

Project / Department

: CERT-K

Qualification - Required

: MCA/BE/B.Tech in CS/IT/Electronics

Certifications – At least one Certification among:

CISSP, CISM, CSSLP, ECSA, LPT, ECIH, ECSP, ENSA, SSCP, CASS, OSWE, GWEB, CWAPT, GIAC certifications – GPEN, GWAPT, GCIH, GCI, GREM, GISP, GXP, GSSP, GWEB, GSE, CompTIA certifications - CompTIA CSA+, CompTIA Security+, CompTIA Mobility+

<i>Desirable</i>	: Software Application Development/ Design/ Architecture certifications
<i>Experience</i>	: 8+ years experience in IT with 4 years in Application Security auditing/ remediation and 4+ years in Software architecture, design and development. Experiences mentioned above need to be exclusive and not overlapping.
<i>Age Limit</i>	: 45
Key Skills - Technical	: <ul style="list-style-type: none"> • Technical experience with Java or similar enterprise programming language, especially related to secure coding best practices. • Demonstrated experience designing secure multi-domain Internet facing applications • Experience providing security architecture advice for web based network environments and secure communication between environments, including web services, web applications and mobile applications. • Experienced in mobile security architecture concepts, design, implementation along with Android and IOS. • Experience of continuous delivery/continuous integration processes and procedures including critical security considerations in automated workflows • Web App Security testing using automated tools and manual testing strategies. • Mobile App security testing - AppFuzzing, Reverse Engineering, • Expertise in Security tools, frameworks, standards - BURP Suite, Nmap, Nessus, CSRF Tester, KALI Linux, Metasploit, W3af, OWASP • Extensive experience in leveraging industry standards and frameworks such as - OWASP, CIS, NIST, ISO/IEC 17799, ISO/IEC 27001, etc. • Cyber Threat, Vulnerability and Risk Assessment : Ability to identify business implications and identifying tactical and strategic recommendations to mitigate risk.
<i>- Behavioural</i>	: Passionate, socially committed and willingness to work extra for the benefit of the organization, Strong communication skills
<i>Job Description</i>	: <ul style="list-style-type: none"> - Lead Security efforts in implementing Application security measures - Risk Assessment of IT software systems of Govt - Lead efforts to implement security solutions in Govt - Lead efforts to implement security controls as part of ISO27001 - Create RFP and technically lead any outsourcing of network infrastructure security related work - Provide expertise to Govt organizations in securing Softwares/ application

3. Name of Post	: Engineer - Security Audit
<i>Mode of Appointment</i>	: Contract
<i>Number of vacancies</i>	: 1
<i>Project / Department</i>	: CERT-K
<i>Remuneration</i>	: Rs.36,000/- per month
Qualification - Required	: BTech in Computer Science/ Electronics/ IT
<i>Desirable</i>	: Industry security certifications in VA/ PT such as CEH, LPT etc
<i>Experience</i>	: 3 to 5 years in Information Security roles
<i>Age Limit</i>	: 35
Key Skills - Technical	: <ul style="list-style-type: none"> • Vulnerability Assessment/ Penetration Testing • Web App Security testing using automated tools and manual testing strategies. • Mobile App security testing • Expertise in Security tools, frameworks, standards - BURP Suite, Nmap, Nessus, CSRF Tester, KALI Linux, Metasploit, W3af, OWASP • Extensive experience in leveraging industry standards and frameworks such as - OWASP, CIS, NIST, ISO/IEC 17799, ISO/IEC 27001, etc. • Cyber Threat, Vulnerability and Risk Assessment : Ability to identify business implications and identifying tactical and strategic recommendations to mitigate risk.
<i>- Behavioural</i>	: Passionate, socially committed and willingness to work extra for the benefit of the organization, Strong communication skills
<i>Job Description</i>	: <ul style="list-style-type: none"> - Vulnerability Assessment/ Penetration Testing of Softwares/ infrastructure - Lead Security efforts in auditing Applications - Risk Assessment of IT software systems of Govt - Research and Development in VA/PT - Implement security controls as part of ISO27001

4. Name of Post	: System Analyst
<i>Mode of Appointment</i>	: Contract
<i>Number of vacancies</i>	: 1
<i>Project / Department</i>	: Service Plus
<i>Remuneration</i>	: Rs.35,100/- per month
Qualification - Required	: BTech/ MCA with First Class
<i>Desirable</i>	:
<i>Experience</i>	: 4 years IT experience in Software Development Life Cycle, especially in Requirements gathering and analysis, quality assurance and documentation. Programming experience in Javascript is desirable.
<i>Age Limit</i>	: 35

Key Skills - Technical

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- Business Analysis – requirements gathering, analysis, SRS/ Use case/ Test case preparation, prepare flow chart, process flows etc
- Excellent Analytical Skills
- Excellent communicative skills – both written and verbal
- Ability to effectively interface between client and technical team
- Expertise in using word processing and design tools such as Visio
- Programming skills in Javascript

- Behavioural

: Passionate, socially committed and willingness to work extra for the benefit of the organization, Excellent communication skills

Job Description

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- Interface with Government departments in understanding business requirements, analysing requirements and creating Requirements documentation - use cases, SRS and test cases.
- Preparing wireframes of User Interface
- Interface with technical team in designing and developing applications
- Functionality testing and UAT
- Lead project. Identify opportunities for automating systems in Government departments.
- Develop functional specifications for use by system developers
- Train end users
- Design application based on requirements. Program validations using Javascript
- Take responsibility for deploying functional solutions, such as creating, adopting and implementing system test plans, which ensure acceptable quality and integrity of the system
- Documentation of artifacts

5. Name of Post : Web GIS Developers (Software Programmers)

Mode of Appointment : Contract

Number of vacancies : 2

Project / Department : KSDI

Remuneration : As per industry standards

Qualification - Required : B.Tech in IT / Computer Science or MCA or MSc Computer Science or (Science Degree/Diploma with PGDCA)

Desirable : Knowledge in GIS (Open Source Platform)

Experience : 2 - 3 years experience in Web Based Technologies(Open Source Platform) & Android Development. Work experience in GIS, Openlayers / Leaflet, Geoserver, PostGIS with PostgreSQL is mandatory.

Age Limit : 35 Years

- Key Skills - Technical** :
- Strong programming skills in PHP and Android
 - Good in JavaScript, CSS, JQuery, , Bootstrap, Ajax and CSS
 - Database skills in Postgresql and Mysql
 - Development of Client Android application that consume web services Cloud services
- Behavioural : Professional as well as Ethical
- Job Description** :
- Application / GeoPortal Development
 - Hosting, Updates & Maintenance

6. Name of Post : GIS Analyst (Junior Technical Officer)

- Mode of Appointment* : Contract
- Number of vacancies* : 1
- Project / Department* : KSDI
- Remuneration* : As per industry standards
- Qualification - Required** : Post graduation in Geography / Geology / GeoInformatics or any related discipline.
- Experience* : 2 year experience in GIS and Remote Sensing. Work experience in spatial data management, Support developers in data handling.
- Age Limit* : 35 Years
- Key Skills - Technical** : Working Experience on ArcGIS, QGIS, ERDAS, Microsoft Office Packages
- Behavioural : Professional as well as Ethical
- Job Description** :
- Data/Layer Conversion
 - Spatial Data Generation
 - Spatial Adjustment
 - Transformation / Reprojection
 - Seamless data Preparation
 - Topology Correction
 - Feature Editing
 - Attribute Standardization
 - Thematic Map preparation
 - Metadata Preparation
 - Data Structure Table Preparation
 - QA/QC
 - Layer Symbology Preparation
 - Service (WMS / WES) Creation etc.

7. Name of Post : Software Developer

- Mode of Appointment* : Contract
- Number of vacancies* : 4
- Project / Department* : 2 for UIDAI and 2 for Kerala Innovation Warehouse.
- Remuneration* : As per Industry Standard.

Qualification : B.Tech (CS/IT/ECE)/ MCA
Experience : 3 years Web development experience in PHP.
Age Limit : 35
Key Skills - Technical :

- Web development experience in PHP.
- Development experience with HTML5 & Java Script (Angular JS / Ember JS / Node JS / Backbone, JQuery) & CSS3 Web Frameworks (Backbone/ Bootstrap / LESS), Adobe Photoshop, Dream weaver.
- Strong knowledge on MySQL database and SQL commands. Knowledge in PostgreSQL will be an added advantage.
- Prior experience with developer APIs, SDKs and developing web services.
- Android Development Experience desirable.
- Expertise with issues tracking systems, distributed source control (git) and unit testing is an advantage.
- Strong skills in design, development, debugging, and problem solving.
- Good knowledge on open source Content Management Frameworks like (Drupal/ Word Press/Joomla/Laravel/ Concrete5.
- Understanding of Government policies and ability to communicate to other Department for the on boarding exercise.

- Behavioural :

- Passionate, socially committed and willingness to work extra for the benefit of the organization, Strong communication skills, achieve the targets as per schedule.
- Excellent communication (verbal & written) skills required
- Ability to multitask and manage multiple priorities concurrently
- Good team skills. Ability to work collectively towards team goals

Job Description :

- Liaison with participating Department, Product team and NEGD.
- Design, develop, test, deploy and maintain software as per requirements.
- Documentation and Training of the application.
- Regular review & improve upon current processes & methodologies

8. Name of Post : Helpdesk Executive

Mode of Appointment : Daily Wage Basis

Number of vacancies : 1
Project / Department : UIDAI
Remuneration : As per G.O(Ms) No. 56/17/Fin dtd 28.4.2017

Qualification : Any University degree with Degree or Diploma in Computer Science / Computer Applications / IT

Experience : Minimum 4-6 years of experience in helpdesk or call centre environment handling technology related issues

Age Limit : 35

Key Skills - Technical :

- Understanding of Government policies and ability to communicate to public, departments and other stakeholders.
- Ability to use email, websites and Office software such as Word, Excel, PowerPoint, Access etc.
- Experience of working in a similar role would be preferred.
- Prior experience and familiarity of Aadhaar and related services desirable.

- *Behavioural* :

- Excellent communication (verbal & written) skills.
- Politeness and diplomacy in handling customers.
- Good telephone etiquette.
- Ability to multitask and manage multiple priorities concurrently.
- Good team skills. Ability to work collectively towards team goals.
- Passionate, socially committed and willingness to work extra for the benefit of the organization.

Job Description :

- Assist the Public, Aadhaar Enrolment Centres and departments on Aadhaar related matter.
- Resolution of issues reported through email, phone and in person.
- Compiling unresolved issues and reporting to concerned authorities.
- Following up on unresolved issues with concerned authorities systematically.
- Regular review & improve upon current processes & methodologies.
- Keeping of daily work log.
- Maintaining confidentiality of customer details
- In addition to above primary responsibilities the incumbent may be assigned any other task from time to time by Reporting officer

General Conditions:

- **Last date of receipt of application 25.09.2017**
- Candidates should apply in the prescribed application format downloaded from KSITM website.

- *The candidate has to meet criteria for Qualification, years of experience, validity of certifications as of date of notification of the post.*
- *Experience is considered as that acquired subsequent to award of qualifying degree certificate.*
- *Only regular full time course of the qualifying course will be considered.*
- *Teaching/ training experience will not be considered as relevant industry experience.*
- *Candidates applying for various posts have to submit separate application forms.*
- *The documents should reach by post at the address Director, Kerala State IT Mission, ICT Campus, Vellayambalam, Thiruvananthapuram-695 033 on or before 25.09.2017*

Documents to be submitted on applying:

1. Filled application form
2. Detailed Resume
3. Any of the Identity Proofs mentioned below:
 - i) Voter Identity Card issued by Election Commission of India
 - ii) PAN Card
 - iii) Passport
 - iv) Driving License
 - v) Aadhaar Card
4. Educational qualification certificate(s)
5. Any industry certification certificate(s)
6. Experience certificate(s) from previous employers
7. Copy of the Last drawn salary slip

Note:

- i) Self attested copies of the documents may be sent along with the application.
- ii) ID proof in original submitted along with application shall be produced at the time of interview.