



CANCER PREVENTION AND RESEARCH INSTITUTE OF TEXAS

PROGRAMMER V

General Position Summary

Performs advanced and/or supervisory application development, maintenance and technical support for agency external and internal websites and applications, assists in the configuration, documentation and maintenance of the agency's Windows and Linux-based application hosting, version control system and database environments. This position will work under minimal supervision with considerable latitude for the use of initiative and independent judgment and may plan, assign and/or supervise the work of others.

Salary Range: (B25) \$63,104 - \$103,491

Closing Date: February 12, 2018, 5:00pm.

GENERAL QUALIFICATION REQUIREMENTS:

Experience and Education

Minimum of five (5) years' experience developing for *NIX-based web services environments including Apache/MySQL/PHP (LAMP) and/or Windows-based web services environment including Internet Information Services (IIS)/SQL Server/.NET Framework, performing intermediate relational database systems development and administration (e.g. Microsoft SQL Server, Oracle MySQL, PostgreSQL, MariaDB, etc.) including schema and entity design, creation and documentation, as well as backup and recovery operations, performing production website development and administration utilizing technologies such as HTML, PHP, C#, Visual Basic for Applications (VBA), T-SQL, XML, CSS, JavaScript, jQuery, JSON, Microsoft SQL Server, Microsoft SharePoint, Oracle MySQL, 3rd party API's and content management systems (e.g. Umbraco, ExpressionEngine, WordPress Drupal, etc.).

Graduation from an accredited four-year college or university with major coursework in computer science, management information systems, or a related field is generally preferred. Education and experience may be substituted for one another.

Knowledge, Abilities and Experience

Strong understanding of user interface design, browser compatibility, accessibility/usability standards, industry best practices and conventions

Possess design experience and functional knowledge of the utilization of various web services standards (e.g. REST, SOAP, etc.); design patterns (e.g. MVC), design methodologies (e.g. Agile\Scrum, etc.), modern software development paradigms like object oriented programming

(OOP) and software development project management frameworks such as Scrum and/or Kanban.

Experience utilizing a source version control system (e.g. GIT, Subversion, CVS, etc.)

Relational database systems implementation, development and administration experience (e.g. Microsoft SQL, MySQL, Oracle, MariaDB) including general server maintenance and backup/recovery operations, and SQL database, table, view, procedure/function creation and maintenance.

Experience implementing and maintaining virtualized and cloud-based hosted server systems (e.g. Microsoft Azure, OpenStack, Xen Project, VMware ESX/ESXi, Citrix XenServer, Amazon AWS, Rackspace Cloud Servers, etc.)

Experience utilizing various multimedia content creation tools (e.g. Audacity, Adobe Illustrator, Adobe Photoshop, Adobe Premiere, Adobe Audition, Adobe After Effects, Vegas Pro, Apple Final Cut Pro, etc.)

Demonstrate a professional, courteous approach to any end-user interactions and be able to communicate issues and resolutions in a clear, non-jargon manner.

Highly self-motivated and directed with the ability to effectively multitask, prioritize and execute tasks in a high-pressure environment while providing timely project/task updates.

Must be available for after-hours/weekend work on a periodic basis and able to share on-call rotation duties for 24/7 emergency support.

Adept at reading, writing, and interpreting technical documentation and procedure manuals.

Must frequently lift and/or move up to 30 pounds and occasionally lift and/or move up to 50 pounds.

Performs other duties as assigned.

EXAMPLES OF WORK PERFORMED

May direct and/or oversee staff who develop, code, test and debug reports, queries, web and desktop applications in support of agency business needs.

May direct and/or oversee staff who plan and schedule programming projects including system requirements determination, task prioritization, sprint planning, test planning, level of effort determination and the development of verification procedures.

Gathers and develops business requirements by working with information technology team members as well as stakeholder staff members and advises on ways to enhance current processes to improve operating efficiency.

Develop and maintain technical documentation, standards and procedures for custom software projects and hosting environment configuration.

Extend existing CMS templates and backoffice environments by adding additional pages, forms, custom objects and classes.

Automate web services, application deployment/installation, configuration, maintenance and change management processes utilizing various scripting languages (BASH, C#, Windows Batch, etc.)

Provide daily production application environment monitoring and troubleshooting including log inspection and alert response as well as assist in implementing agency disaster recovery procedures.

Deploy Linux, Windows and database servers and application services utilizing Amazon and/or Microsoft Azure virtualization platforms then perform deployment of custom application solutions.

Assist in the timely resolution of issues discovered during IT security auditing, vulnerability testing and penetration testing.

Provides desktop, email and telephone support to staff and remote users for agency websites, services and custom created solutions.

Ability to work occasional nights and weekends in the event of service outages and during planned maintenance and/or deployment windows.

Military Occupational Codes:

The Military Occupational Specialty (MOS) codes applicable to this position can be accessed at: http://www.hr.sao.state.tx.us/Compensation/MilitaryCrosswalk/MOSC_InformationTechnology.pdf. Veterans, Reservists, or Guardsmen with a MOS or additional duties that fall in the fields listed in the above link who meet the minimum qualifications listed above are encouraged to apply.

Application Instructions

If you meet the qualifications, complete and submit a State of Texas application to Cancer Prevention and Research Institute of Texas, Human Resources, P.O. Box 12097, Austin, Texas 78711. State of Texas application may be obtained from <http://cprit.texas.gov/about-cprit/cprit-employment-opportunities>. Applications may also be submitted via the WorkInTexas.com site.

All resumes must be accompanied by a fully completed state of Texas application. Incomplete applications may be disqualified at the agency's discretion.

Faxed and emailed applications will not be accepted.

Non-smoking office and building located in Capitol Complex of Austin, Texas.

The Cancer Prevention & Research Institute of Texas is an equal opportunity employer.

Additional information regarding the Institute's history and operations can be found on the agency's web site at www.cprit.texas.gov.