GREATER LOS ANGELES COUNTY VECTOR CONTROL DISTRICT

Database Analyst / .Net Developer

$74,904 to $93,096 ~Annual Salary Effective July 1, 2019

EMPLOYMENT OPPORTUNITY

ABOUT THE DISTRICT

The Greater Los Angeles County Vector Control District (GLACVCD) is a non-enterprise, independent, special district, enabled and empowered to act as a public health agency as a result of legislation incorporated in the California State Health and Safety Code. GLACVCD is one of five mosquito and vector control districts in Los Angeles County. The District serves approximately 6.8 million residents in a 1,338 square mile area, making GLACVCD the largest vector control district in Los Angeles County.

JOB SUMMARY

Under the direction of the Director of Operations and in collaboration with the Operation Supervisors, IT staff, other department directors and field staff, the Database Analyst/.Net Developer (".Net Developer") is responsible for the maintenance and management of the District's information databases. The .Net Developer will develop and maintain web applications for all departments within the District. The .Net Developer will work collaboratively with other departments to maintain operational access, efficiency, utility, security and integration of Operations data into proprietary programs as needed.

THE POSITION

The .Net Developer is expected and required to exercise sound judgment in organizing and executing the details relating to daily database and web application oversight, problem solving, maintenance and management. In collaboration with other departments and designated employees, the .Net Developer will develop and maintain databases, web applications and data systems for projects and department functions as needed and as assigned. He/she will work with other departments to integrate data to analyze data relationships and represent the data in various ways to facilitate understanding. This position works in a support capacity to ensure accurate and relevant data collection, analyses, storage, security and reporting.

EDUCATION and EXPERIENCE:

Bachelor's of Science or Bachelor's of Arts degree in Information Management, Computer Information

DISTRICT BENEFIT OVERVIEW:

Salary: The salary range is based on a 5-step merit system for all classifications. The normal hiring range is commensurate with experience and education. Cost of Living Adjustment (COLA) is recommended at the discretion of the General Manager on an annual basis.

Vacation: Two (2) weeks increasing with years of service.

Holidays: 13 fixed holidays per year plus additional 8 hours of floating holiday.

Sick Leave: 96 hours per year.

Retirement: The District participates in the California Public Employees Retirement System (CalPERS); no social security. New members pay 6.25% contribution towards retirement. PEPRA (2% @ 62).

Medical Plan: Choice of PPO and HMO plans offered by CalPERS with Employer Health Flex Contributions between $800 to $1800 per month to cover premiums.

Dental Insurance: Covered through The Standard Dental at the employee's cost.

Vision Insurance: Covered through Eye Med at the employee's cost.

Retirement Health Reimbursement Arrangement: District contributes $50 per month allowance to employee HRA.

Deferred Compensation: Two optional plans available at employee's cost.

Short Term Disability: The District pays 100% of the premium towards STD insurance

Voluntary Benefits: Life AD&D, Long Term Disability, Short Term Disability, Critical Illness, Cancer, Accident, Term Life Insurance, Healthcare Flexible Spending Account plans available.

Systems, Computing, Geographic Information Systems or other related fields or equivalent education AND experience.

Minimum 2 years work experience as an ASP.NET / SQL server developer.

Experience managing metrics and various database reports.

Experience translating loosely-defined operational information into accurate data specifications.

Collecting data from different sources and analyzing them carefully in order to provide good quality operational solutions.

SELECTION PROCESS

Applications will be screened in relation to the criteria outlined in the job announcement. Candidates with qualifications and experience that best relate to the position will be invited to participate in the selection process. Possession of the minimum qualifications **does not** ensure continuing in the recruitment process. Reasonable accommodations for applicants with disabilities may be requested by calling the Department of Human Resources at least three (3) business days in advance of the scheduled/examination/interview date.

District appointments are contingent upon successful completion of a post-offer medical examination, including drug screening to comply with our Drug Free Workplace policy, and a

Live-Scan fingerprint check through the Department of Justice. The successful candidate will be required to provide identification and employment eligibility as outlined in the Immigration Reform and Control Act. The provisions of this announcement do not constitute an expressed or implied contract. Any provision contained in this announcement may be modified or revoked without notice.

The Greater Los Angeles County Vector Control District, in compliance with all applicable Federal and State laws, does not discriminate on the basis of race, color, national origin, ancestry, marital status, age, religion, disability, sex, or sexual orientation in its employment actions, policies, procedures, or practices.

CONDITION OF EMPLOYMENT

Possession of a current valid driver's license will be required at the time of appointment and must be maintained throughout employment in this class. Must be insurable with the District's insurance carrier. Employees in this position will be enrolled in the Department of Motor Vehicles (DMV) Government Employer Pull Notice Program which confirms possession of a valid driver's license and reflects driving records during the course of employment with GLACVCD.

HOW TO APPLY: To be considered, applicants are required to submit an online application, including a cover letter and resume, which reflects the scope and level of your current/most recent positions and responsibilities to: https://workforcenow.adp.com/mascsr/default/mdf/recruitment/recruitment.html?cid=cd17ada5-5b6f-4150-a593-a3a802b80831&ccId=19000101_000001&jobId=295713&source=CC3&lang=en_US

GREATER LOS ANGELES COUNTY VECTOR CONTROL DISTRICT

Job Description

WORKING TITLE: Database Analyst / .Net Developer
DEPARTMENT: Operations
TIME-BASE: Full-time
FLSA CODE: Exempt

JOB SUMMARY

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ESSENTIAL FUNCTIONS

This list is intended to indicate the general nature and level of work performed by employee(s) within this classification and is not designed to be interpreted as an exhaustive listing of all tasks required of employees assigned to this job. Functions may be supplemented as necessary by employer. Typical job duties may include but are not limited to the following:

- Using SDLC methodologies, conduct requirements-gathering meetings with supervisors and department heads to define potential applications for development to meet business needs. Provide recommendations for improving operational processes, research hardware and software requirements needed to accomplish the District's goals.
- Using data modeling and normalization best practices, design and redesign SQL Server Databases that interface with District web applications. Administer and configure server instance security and develop data disaster and recovery strategies. Troubleshoot and monitor high-volume, OLTP production database systems and manage large complex data sets.
- Using VB.NET, HTML5, JavaScript, Ajax, Google Maps API and SQL Server, maintain and continuously build on existing desktop and mobile field web applications. Evaluate and identify areas throughout

applications for the purposes of improvement through code modification. Troubleshoot, analyze, resolve and document system errors in order to avoid service interruptions to the District's mission-critical applications.

- Use application performance techniques (e.g. process rendering, output caching, Ajax and IIS dynamic compression) to develop and deliver upgrades and add-ons for field tablet applications in order to enhance performance and end-user experience.
- Develop and maintain complex queries, stored procedures, triggers, views and other data structures critical to current ASP.NET applications. Create robust, scalable queries using joins, sub-queries, CTE's, temp tables, table variables and dynamic SQL while incapsulating complex business logic requirements. Optimize existing queries that require enhancement due to growing data sets and to accommodate for fluctuating business logic. Identify and troubleshoot slow performing queries using the SQL Server profiler, SSMS built-in reports and query execution plan.
- Interact with co-workers at all levels in the district in a collaborative and customer service-oriented manner.
- Perform all duties within the context of the district's Mission Statement and values.
- Maintain prompt and regular attendance.

KNOWLEDGE, SKILLS and ABILITIES

To be successful in this classification, an incumbent must be able to perform each essential function and responsibility satisfactorily.

Knowledge and ability in the following are required to perform the essential functions:

- Proven back-end and front-end development experience using SQL Server 2012 or higher, ASP.NET 4.0 Framework, HTML5, and JavaScript.
- Highly skilled at creating, analyzing and tuning complex queries, stored procedures, triggers and other data structures using T-SQL.
- Thorough understanding, applied knowledge of RDMS, Data Modeling and database normalization.
- Demonstrated in-depth working knowledge of forms authentication, session state management, IIS configuration and the .NET page life cycle.
- Proficient in MS Word, Excel, Access, PowerPoint.
- Knowledge of the ESRI GIS Software Suite, especially ArcView.
- Knowledge of advanced math, statistics and the use of statistical analysis software, to the degree necessary in order to facilitate communication with the Scientific-Technical Services department.
- Ability to present complex information in an understandable and compelling manner.

EDUCATION and EXPERIENCE

- Bachelor's of Science or Bachelor's of Arts degree in Information Management, Computer Information Systems, Computing, Geographic Information Systems or other related fields or equivalent education AND experience.
- Minimum 2 years work experience as an ASP.NET / SQL server developer.
- Experience managing metrics and various database reports.
- Experience translating loosely-defined operational information into accurate data specifications.

- Collecting data from different sources and analyzing them carefully in order to provide good quality operational solutions.

REQUIRED LICENSES and/or CERTIFICATIONS

Possession of a valid California driver's license must be maintained throughout employment in this classification. Employees in this position will be enrolled in the Department of Motor Vehicles (DMV) Government Employer Pull Notice (EPN) Program which confirms possession of a valid driver's license and reflects driving records during course of employment with GLACVCD. Must be insurable with District's insurance carrier.

May be required to report to Sylmar location during working hours, as needed.

PHYSICAL DEMANDS and WORKING CONDITIONS

The physical demands described are those that must be met by the employee to successfully perform the essential functions of this job. The District provides reasonable accommodations to enable individuals with disabilities to perform the essential functions.

Working Conditions – Position requires prolonged sitting, standing, walking, reaching, twisting, and turning, kneeling, bending, squatting and stooping in the performance of daily activities. The position requires grasping, repetitive hand movement, and fine coordination in programming and preparing reports using a computer keyboard. Additionally, the position requires near and far vision in working in front of a computer.

Light Work – Incumbent(s) in this class perform work which involves frequent lifting, twisting, pushing, and/or pulling of objects approximately 25 pounds or less. Heavier lifting is an infrequent aspect of this class.

Mobility – Incumbent(s) must have complete and normal mobility of arms to reach and dexterity of hands to grasp and manipulate small objects; be able to sit for prolonged periods of time, also standing, kneeling, bending, twisting, seeing talking, hearing and repetitive movement in computer use.

Other Conditions – Incumbent(s) work may be performed in a stressful, fast-paced office environment, depending upon assignment.

_____   _____
Employee Signature   Date

Approved by:

_____   _____
Human Resources Director   Date: