

Job Description Form



Web-Hed Technologies, Inc.

Division/Department: Security/Infrastructure

Location: WHT Central Office

Job title: Systems Application Developer

Reports to: Roger Colunga, VP of Technology

Level/Grade: Full-time (40 hours per week) Exempt

Job Summary

Writing specifications and designing, building, testing, implementing and sometimes supporting applications using computer languages and development tools. Applying knowledge of programming techniques and computer systems to write web-based and/or stand-alone computer applications to perform various tasks in accordance with the specifications agreed with the client.

Job Description

- Analyze, design and program web-based applications using the latest .NET Framework and written in C# and integrated with Microsoft SQL Server.
- Develops, creates, and modifies general computer applications software or specialized utility programs
- Analyzes user needs and develops technical requirements for software solutions
- Design software or customize software for client use with the aim of optimizing operational efficiency
- Implements software application solutions for diverse and complex business requirements, to include packaged application customization, custom application development and well as multi-systems integration
- May analyze and design databases within an application area, working individually or coordinating database development as part of a team
- Testing and debugging application code
- Provides solution and resource capabilities to the technical team as well as the end user/customer
- Analyzes, designs, develops, and supports all major information systems designs from an enterprise perspective
- Assist in determining the long-range strategic direction of systems
 - determines the hardware, software, tools, languages, and databases to be utilized
 - understands from an enterprise perspective how all data, applications, hardware, and users function and interact
- Modifies existing software to correct errors, allow it to adapt to new hardware, or to improve its performance
- Develops and directs software system testing and validation procedures, programming, and documentation
- Confers with systems analysts, engineers, programmers and others to design system and to obtain information on project limitations and capabilities, performance requirements and interfaces
- Analyzes user needs and software requirements to determine feasibility of design within time and cost

constraints

- Designs, develops and modifies software systems, using analysis and models to predict and measure outcome and consequences of design
- Stores, retrieves, and manipulates data for analysis of system capabilities and requirements
- Consults with customers about software system design and maintenance
- Coordinates software system installation and monitors equipment functioning to ensure specifications are met
- Obtains and evaluates information on factors such as reporting formats required, costs, and security needs to determine hardware configuration
- Interacts directly with project and business stakeholders.

Tools and Technology

Not exhaustive or exclusive but should at minimum include C# and Microsoft SQL Server experience

Tools used in this position

- PC Workstation
- Computer servers
- Flash memory storage devices
- Integrated circuit testers
- Notebook computers
- Personal digital assistant PDAs or organizers

Technology used in this position

- Database management system software namely Microsoft SQL Server
- Development environment software namely Microsoft Visual Studio
- Object or component oriented development software
- Operating system software
- Program testing software

Knowledge	Skills	Abilities
Computer and electronics Telecommunications Design techniques, tools, procedures Customer and personal service	Programming, troubleshooting Critical thinking Complex problem solving Reading comprehension Superior communication Active learning Operations and Systems Analysis Technology design Systems evaluation Active listening Judgment and decision making	Oral and written comprehension Problem sensitivity Oral expression Category flexibility Number facility Inductive and deductive reasoning Information ordering Originality Nearsighted ability

Work experience requirements:

Minimum 5 years experience across C#, ASP.NET, ADO.NET, XML
Previous experience within COM/COM+, SQL Server, ASP, IIS, VB6
VPN Server and Client Application Development experience
Web proxy application development a plus
Any Linux, PHP, MySQL also a plus

Requires significant expertise in applicable and various development technologies

Prior experience as a programmer/analyst with thorough knowledge field, common tools, and common utilities preferred.

Must possess strong analytical skills and effective interpersonal and communication skills to interact with a wide range of users having different levels of computer expertise. Ability to design workable solutions to problems in a timely manner.

Must be able to transport self to various facility sites as required. If using own motor vehicle, must possess a valid Texas driver's license and proof of insurance that meets the minimum standards of the State of Texas.

OR

Any combination of education, training and/or experience that fulfills the requirements of the position will be considered.

Minimum Education Requirements

Bachelor's degree in computer science, information systems, or related field or equivalent technical or professional experience related to the design, installation, and maintenance of local and Wide area network required.

Clearance Requirements:

Active TS/SCI

Reviewed by: Roger Colunga – VP of Technology
Bill Gonzalez – VP of Software Development

Approved by: Janie Gonzalez - President