

Job Description



Job Title: Application Developer

Department: Security/Infrastructure

Location: Webhead Central Office

Reports to: Greg Olivares, Director of Program Operations

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 a computer program 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 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

Tools, Software Commonly Used in this Position *Not exhaustive or exclusive*

Tools		Software	
PC Workstation	PDA organizers	Development environment	Operating system
Computer servers	Notebook computers	Object-oriented development	Program testing
Flash memory storage devices	Integrated circuit testers	Component-oriented development	Database management system

Knowledge, Skills, and Abilities Commonly Used in this Position

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

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.
- 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