

SHAREPOINT DEVELOPER

DEFINITION

Performs in systems analysis, design, programming, documentation, and implementation of complex SharePoint web applications based on user requirements. Modifies and maintains existing web applications.

TYPICAL DUTIES

Serves as the primary technical resource for SharePoint design and development.
Assists with the development of the technical architecture for websites including hardware, software, scripting, database design and user interface design recommendations.
Develops, designs, implements and maintains web applications and or/processes.
Prepares or assists in preparation of reports detailing technical feasibility and cost of implementing data processing systems or alternatives.
Designs and deploys websites within the SharePoint environment.
Recommends and evaluates software, hardware and processes to the team and end-users.
Supports new and ongoing SharePoint projects.
Works with other data processing personnel in solving computer programming problems.
Analyzes and prepares detailed program specifications and processing requirements.
Prepares, edits, updates and reviews project documentation using various office automation tools.
Produces and maintains documentation pertaining to computer software design, objectives and operation requirements
Complies with project standards and processes related to producing quality SharePoint sites or webpages.
Reviews and makes recommendations on current SharePoint development efforts.
Mentors other team members on object technology and advanced developing topics.
Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

A SharePoint Developer designs websites in a SharePoint environment; analyzes software specifications and prepares detailed web program logic flow charts; codes program logic instructions; tests and debugs software applications; and detects and corrects software logic deficiencies.

A Web Architect directs and manages global architecture activities analyzes existing business practices and develops workflow improvements and conducts feasibility studies for the development and maintenance of web applications. A Web Architect supervises SharePoint Developers assigned to small units or working on portions of a large project.

A Programmer Analyst performs responsible systems analysis and programming on complex projects, assists higher-level programmer analysts on the most complex projects, and may provide work direction and technical assistance to assigned personnel.

SUPERVISION

General direction is received from the Strategic Planning Systems Engineer. Supervision is received from the Web Architect. No supervision is exercised.

CLASS QUALIFICATIONS

Knowledge of:

- SharePoint infrastructure and development
- Web development within the SharePoint environment
- System Development Life Cycle
- Structured programming and design techniques
- Modeling, prototyping, simulation, and performance analysis
- Internet-enabled and client/server technology
- Uses and limitations of information technology hardware, software and services
- Block and flow chart diagrams, theory and application, using Change Management and version control
- Relational Database Management Systems concepts
- Database design
- Project Management and Project Tracking
- Distributed Systems
- PC and/or Macintosh platforms
- Visual Basic, Visual Studio, Visual Basic, .NET, HTML, JavaScript, XML, ASP.NET, SQL server, CSS, SQL, C#
- SharePoint API and SharePoint web.config
- InfoPath
- Image optimization and web animation

Ability to:

- Analyze problem situations, define problems, identify relevant factors and relationships, formulate solutions, and recognize the implications of those solutions
- Express difficult concepts orally and in writing in a clear and concise manner that is understandable to both data-processing and non-data-processing personnel
- Work independently with a minimum of supervision
- Think creatively in developing new procedures, methods, or approaches
- Interact responsibly with other employees and those in user departments
- Analyze problems in machine operations and program logic
- Re-engineer work flow for users
- Prepare block diagrams and flow charts
- Train others
- Manage multiple concurrent projects

ENTRANCE QUALIFICATIONS

Education and Experience:

Graduation from a recognized college or university, preferably with a major in Computer Science, Information Systems, or a closely related field; and three years of SharePoint experience developing applications on the SharePoint platform, implementing out of the box SharePoint features, creating workflows and troubleshooting IIS.

OR

Four years of experience as a LAUSD Web Developer or Multimedia Designer in a SharePoint Environment.

Special:

A valid California Driver License is required.
Use of an automobile.

SPECIAL NOTES

Employees in this class are subject to call at any hour.

This class description is not a complete statement of essential functions, responsibilities, or requirements. Requirements are representative of the minimum level of knowledge, skill and/or abilities. Management retains the discretion to add or change typical duties of a position at any time.

New Class
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JPK²