



Position Description

Kenai Peninsula Borough

Enterprise Application Developer

Service Type: Classified, Range R

Definition: Under the general direction and supervision of the systems manager, or designee, the enterprise application developer is primarily responsible for systems analysis, support, database administration design, development, documentation, testing, debugging, modification and implementation of mission critical systems operating in a multi-language, multi-platform environment. The enterprise application developer is required to perform independent professional functions in the areas of both business and scientific/engineering development and show initiative in the solutions of extremely complex applications.

Minimum Qualifications: A Bachelor of Science degree in computer sciences or related discipline and one-year applications support experience; or 5 years' applications development experience. Prior development experience in an enterprise application environment may be substituted for education on a year for year basis; Microsoft SQL programming skills with strong emphasis in T-SQL and DTS/SSIS package compilation; Microsoft SQL 2012/2016 database administration including performance analysis management background in a multi SQL server environment; strong working knowledge of Internet Information Services (IIS) infrastructure; background of end-user application support; experience with SQL Reporting Services.

Additional Pluses Include: Commercial development background utilizing Microsoft development tools such as: Visual Basic, Visual Studio, and current .NET frameworks. Experience with Ruby on Rails.

Essential Functions:

1. Project Management:

- Maintain stability of critical enterprise applications within a dynamic administrative and political environment.

- Coordinate directly with department heads and/or their designee to set architectural and design direction.
- Manage the work of project team members.
- Serve as a professional resource for mission critical systems. Collaborate with user representatives, associates and consultants to determine value, accuracy, and acceptability of enterprise environment solutions.
- Act as liaison; oversee contract administration and vendor interface with outside entities.

2. Security:

- Act as security administrator for enterprise application systems, containing security for confidential and sensitive data.
- Act as database administrator for enterprise application systems, including the integrity, availability, security and efficiency of databases in an enterprise application environment.
- Develop and maintain stringent security procedures to protect and control access to mission critical databases, applications, source code, and program libraries in a multi-platform environment.

3. Research & Analysis:

- Research and analyze current information technology in the utilization of enterprise application development methodologies in order to provide technical vision and expertise.
- Evaluate the technical and economic feasibility of converting existing applications to meet changing operational demands and to better utilize technology to further the goals of the Borough.
- Meet and confer with Borough division representatives in order to plan, evaluate, recommend, and assist them in the delivery of application services required to

meet their internal information system goals.

4. Development:

- Designs, develops, modifies and implements highly complex and sensitive mission critical enterprise applications.
- Apply modern testing procedures to debug applications and verify accuracy and completeness.
- Design and implement test databases to ensure quality of live databases.

5. Maintenance:

- Responsible for full-time and after-hours availability in providing problem resolution, software support, and program modifications.
- Responsible for ensuring application changes encompass all legal requirements mandated by Borough, local and state governments as determined by applicable departments.
- Manage large-scale system changes and/or upgrades.
- Responsible and accountable for maintenance of individual databases, database management system software, and all associated software required for database management system operation on mainframes or database servers.

6. Training:

- Develop instructional material that will allow Borough users to maintain a high level of competence while using enterprise applications.
- Assist, guide, or train other enterprise application developers as needed to gain expertise in newly developing methodologies, programming languages, policies, procedures and other information technology areas.

- Maintain a professional level of knowledge in a rapidly changing information systems industry through continued education and self-study.

7. Documentation:

- Create and maintain documentation on all enterprise applications, clearly explaining the purpose, methodologies, design considerations, programming, and modifications.
- Write technical reports describing program design solutions, data structures and program flow to be read by both technical and non-technical personnel.

Other Functions:

1. Other related duties as assigned.

Physical Demands: While performing the duties of this job, the employee is frequently required to use hands and fingers dexterously to operate office equipment and to communicate orally; regularly required to sit; and occasionally transport up to 50 pounds. Specific vision abilities required include close vision and the ability to adjust focus. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Position Description Record:

Date Updated: 08.01.2022

Reason for Update: Revised Minimum Qualifications

Date Updated: 11.20.2019

Reason for Update: Reformatted

Date Updated: 04.2019

Reason for Update: See footnote for scoring (KKS)

Date Updated: 02.2019

Reason for Update: Updated IT Language
