

## **WEB APPLICATION DEVELOPER**

**DISTINGUISHING FEATURES OF THE CLASS:** An employee in this class has responsibility for performing application development tasks on Internet or Intranet connected systems that service clients primarily over standards-based web browsers or through mobile client applications (iOS and/or Android) or a combination of both. The incumbent is expected to understand and utilize current web application development frameworks and technologies to complete their work assignments. The specific frameworks may vary based on the location of the position or the needs of the organization. Incumbents may take a lead role in the development activities of other Web Application Developers depending on the needs of the organization. Work is performed under the general supervision of management. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Develops web applications to meet the design requirements and acceptance criteria as specified by supervisors, product owners, and various governing bodies of the web application platform stakeholders;

Consults with supervisor and other members of the development team to prioritize development activities and meet release goals and deadlines;

Works with vendors, consultants, and internal stakeholders to diagnose and troubleshoot defects on the web applications;

Develops and releases out-of-band fixes to mitigate defects in the web application;

Researches best methods for accomplishing complicated feature/enhancement requests that satisfy the agreed upon acceptance criteria;

Organizes application development work increments around planned releases and update sets;

Documents internal and end-user-facing release notes concerning completed development activities.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Good knowledge of current Web Application development languages/frameworks/concepts including but not limited to, HTML, CSS, JavaScript, Web Sockets;

Good knowledge of database and data management practices;

Food knowledge of Agile software development methodologies;

Ability to work collaboratively and independently to achieve shared goals;

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Ability to investigate, diagnose, and solve bugs and other defects in web applications;  
Ability and willingness to learn new development languages and frameworks as needs and technologies change;  
Ability to communicate effectively both orally and in writing;  
Strong attention to detail; Cooperative, Initiative; Good judgement; Resourcefulness; Dependability.

### **MINIMUM QUALIFICATIONS:**

A) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's degree in web applications development, computer science, or closely related field; OR

B) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in web development, computer science, or closely related field and two (2) years of experience in web application design and development; OR

C) Graduation from high school or possession of an equivalency diploma and four (4) years of experience in web application design and development; OR

D) An equivalent combination of training and experience defined by the limits of A), B) and C).

### **SUBSTITUTIONS:**

1) One year of experience stated above may be substituted for a current Broome-Tioga BOCES employee with successful completion of thirty (30) hours of recent (within the last twelve months) approved subject matter related to SCRIC Academy coursework.

2) An additional year of experience stated above may be substituted for ongoing development opportunities to assist with applying the SCRIC Academy coursework.

**SPECIAL REQUIREMENT:** Depending on the job location and/or department, possession of a valid driver's license to operate a motor vehicle in the State of New York may be required at time of appointment.

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**SPECIAL REQUIREMENT:** Per regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment for the State of Education Department is required.

**Special Note:** Because of the radical evolution of technology in this field, qualifying experience must have been gained within the last five (5) years.

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