

## **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 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 with leeway allowed for the use of independent judgment in carry out the duties and responsibilities of the position. 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 and common Web Application development languages/frameworks/concepts;

Good knowledge of database and data management practices;

Good knowledge of Agile current software development methodologies;

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Ability to work collaboratively and independently to achieve shared goals;  
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) Possession of a Bachelor's degree or higher and one (1) year of experience in application design and development; OR
- B) Possession of an Associate's degree and three (3) years of experience in application design and development; OR
- C) Graduation from high school or possession of an equivalency diploma and five (5) years of experience in 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.

**NOTE:** Your degree must have been awarded by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of education. If your degree was awarded by an educational institution outside of the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on

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the internet at <https://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

**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.

**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.