



## Job Description

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<b>POSITION TITLE:</b>	<b>Associate Web Developer</b>	<b>#2462</b>
	<b>CodeStack</b>	
	<b>Office of the Superintendent</b>	
	<b>Classified Salary Schedule</b>	
	<b>Range 38</b>	

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### **SUMMARY OF POSITION:**

Under the direction of the CodeStack Director and Program Manager III, independently performs web-based task implementation and program maintenance in a large and diverse user environment within a broad framework of standards, policies, and procedures, utilizing current techniques and methodologies. Does related work as required.

### **MINIMUM QUALIFICATIONS-EDUCATION, TRAINING, AND EXPERIENCE:**

Possess one year of experience in web development.

### **DESIRABLE QUALIFICATIONS-EDUCATION, TRAINING, AND EXPERIENCE:**

Proficient in Model View Controller (MVC) architecture, C#, Angular, TypeScript, JavaScript, HTML, HTML5, CSS, AJAX, JSON, Bootstrap, and Visual Studio.

### **KNOWLEDGE, SKILLS, AND ABILITIES:**

#### *Communication Skills:*

Ability to work well independently, and as a team member. Possess a strong and demonstrable commitment to customer satisfaction. Ability to work well with staff, school personnel, students, outside agencies, and customers. Ability to communicate verbally and in writing.

#### *Front-end web skills:*

Understanding in Angular, HTML, HTML5, TypeScript, JavaScript, CSS, AJAX, JSON, Web API, and Bootstrap. Experience with Angular 7+ is desirable.

#### *Back-end web skills:*

Knowledge of N-tier architectures and understands concepts of object-oriented programming. Proficiency in C#, Model View Controller (MVC) architecture, API development and Visual Studio. Knowledge of approaching a code first project with EF Core.

#### *Database Skills:*

Understand and know basic SQL commands. Knowledge of approaching a code first project with EF Core.

Possess a valid California driver's license and proof of liability insurance coverage in the minimum amount required by SJCOE policy; insurable by the SJCOE carrier. Must furnish own transportation as required to fulfill job duties.

**ESSENTIAL FUNCTIONS:**

Essential functions may include, but are not limited to:

1. Work independently with little or no supervision.
2. Implement new features to web applications.
3. Work on small scale projects from start to finish (requirements gathering up to deployment).
4. Participate in sprint planning meetings and rollouts.
5. Contribute to projects wiki for standards.
6. Assist in mentoring Junior Web Developers.
7. Create and deliver presentations/lectures for CodeStack Academy and Meetups.
8. Assist in mentoring CodeStack Academy students.
9. Grade student projects according to the specifications of the assignment.
10. Test, debug, demonstrate, and train staff and/or customers on web applications.
11. Serve as a teacher assistant for CodeStack Academy.
12. Document and comment in application code and in database stored procedures and functions.
13. Work outside of normal workdays and office hours to meet deadlines.
14. Communicate daily with the development team and Project Lead regarding status and timeline of assigned web development workload.
15. Performs other related duties as assigned.

**PHYSICAL REQUIREMENTS:**

Employees in this position must have the ability to:

1. Sit for extended periods of time.
2. Enter data into a computer workstation, operate standard office equipment, and use a telephone.
3. See and read a computer screen and printed matter with or without vision aids.
4. Hear and understand speech at normal levels and on the telephone.
5. Stand, walk and bend over, reach overhead, grasp, push, and move, lift and/or carry up to 25 pounds to waist height.

**WORK ENVIRONMENT:**

Employees in this position will be required to work indoors in a standard office environment and will come in direct contact with SJCOE staff, district office staff, and the public.

**8/20/2021 final sc**