

Vegas PBS – Senior Full Stack Web Developer

Position Details

Class Code: 3125

Job Family: Broadcast/Communications

Classification: Support Professional

Terms of Employment: [Pay Grade 62 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

Position Summary

Under general supervision, provides both front-end and back-end web support and development.

Essential Duties and Responsibilities

The list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. Develops front-end interactive experiences and back-end integrations to support digital product objectives, particularly on, but not limited to Vegaspbs.org.
2. Implements user authentication, subscriptions, and payment gateways to support fundraising and monetization strategies.
3. Develops analytics dashboards that provide insights into viewer engagement and content performance to guide data-driven decision-making.
4. Develops and maintains platforms tailored to managing Vegas PBS digital media assets, including video, audio, images, and multimedia, to streamline content creation and distribution processes.
5. Integrates live streaming functionalities with interactive features to support Vegas PBS broadcasts, premieres, or virtual events.

6. Collaborates with post-production tools and software (e.g., Adobe Premiere Pro, Adobe After Effects, AVID Media Composer) to streamline media asset workflows and enhance the editing process.
7. Utilizes HTML5, JavaScript, and CSS to create dynamic and interactive storytelling experiences, such as interactive timelines, 360° videos, and augmented reality (AR) elements.
8. Implements interactive maps using tools such as ArcGIS or Google Maps to visualize geospatial data and support location-based stories and regional analysis.
9. Develops tools or scripts to clean, normalize, and transform raw data into structured formats for use in visualizations and multimedia.
10. Develops and maintains web applications and websites using Microsoft technologies, including .NET, C#, ASP.NET, Microsoft SQL Server, and Azure services, adhering to industry best practices and coding standards.
11. Collaborates with designers, project managers, and stakeholders to gather requirements and translate them into technical specifications.
12. Designs and implements database structures using Microsoft SQL Server and Azure SQL Database, and writes efficient queries to support web applications.
13. Utilizes Azure services such as Azure App Service, Azure Functions, Azure Storage, and Azure Cognitive Services to build scalable and reliable web applications.
14. Develops and consumes RESTful APIs and web services, leveraging Azure API Management for secure and efficient API delivery.
15. Creates responsive and user-friendly front-end interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and accessibility.
16. Implements secure authentication and authorization mechanisms using Azure Active Directory (AAD), Azure AD B2C, and other related single sign-on (SSO) systems such as Oracle to protect sensitive data and privacy.
17. Conducts thorough testing and debugging of web applications to ensure high performance, scalability, and reliability.
18. Performs code reviews and provides constructive feedback to ensure code quality and maintainability, using supporting tools such as SonarQube.
19. Stays up to date with industry trends and advancements in Microsoft technologies, Azure services, web development methodologies, and best practices.
20. Troubleshoots and resolves technical issues and provides timely support for production incidents.

21. Collaborates with the IT team to identify areas of improvement, propose innovative solutions, and contribute to the continuous enhancement of web development processes.
 22. Designs, develops, and deploys secure web applications with an emphasis on preventing common web vulnerabilities such as cross-site scripting (XSS), cross-site request forgery (CSRF), SQL injection, and session management flaws.
 23. Participates in regular security assessments and vulnerability testing to identify weaknesses in Vegas PBS's web applications.
 24. Stays current with emerging security threats, vulnerabilities, and industry best practices to continually enhance Vegas PBS's web applications security.
 25. Tracks project status and reviews work in progress to ensure conformance to plans and programming standards.
 26. Conforms to safety standards, as prescribed.
 27. Performs other tasks related to the position, as assigned.
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Distinguishing Characteristics

Performing a full range of web design, systems analysis, and data system programming tasks.

Knowledge, Skills, and Abilities (Position Expectations)

1. Knowledge of web development concepts, technologies, and best practices.
2. Knowledge of front-end frameworks and libraries (e.g., Angular React).
3. Knowledge of version control systems (e.g., Git) and collaboration tools (e.g., JIRA).
4. Knowledge of Azure services such as Azure App Service, Azure Functions, Azure Storage, and Azure Cognitive Services.
5. Knowledge of Azure Active Directory (AAD) and Azure AD B2C for authentication and authorization.
6. Knowledge of Web Developer with expertise in Microsoft technologies, including .NET, C#, ASP.NET, Microsoft SQL Server, and Azure.
7. Skills in developing and consuming RESTful APIs and web services for system integration and data exchange.
8. Skills in front-end development using HTML, CSS, JavaScript, and responsive design frameworks (e.g., Bootstrap).
9. Skills in designing and developing databases using Microsoft SQL.

10. Skills in analytical and problem-solving techniques with strong attention to detail.
 11. Skills in maintaining a continuous learning mindset and remain current with evolving technologies, Azure services, and industry trends.
 12. Ability to work both independently and in a team environment.
 13. Ability to possess strong communication and interpersonal abilities necessary for successful collaboration with team members and stakeholders.
 14. Ability to recognize and report hazards and apply safe work methods.
 15. Possess physical and mental stamina commensurate with the responsibilities of the position.
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Position Requirements

Education, Training, and Experience

1. High school graduation or other equivalent (General Educational Development [GED], foreign equivalency, etc.).
2. Ten (10) years of professional web programming interfacing with an enterprise database (MS SQL, MySQL or Oracle); or, Associate's Degree from an accredited college or university in related field (computer science, computing and information technology, etc.); and eight (8) years of experience as described above; or, Bachelor's degree from an accredited college or university in related field (computer science, computing and information technology, etc.); and six (6) years of experience as described above.

Licenses and Certifications

Applicant/employee must be able to provide their own transportation.

Preferred Qualifications

1. Bachelor's or Associate's degree from an accredited college or university with emphasis in Full Stack Web Design and Programming.
 2. One (1) year of supervisory experience.
 3. Experience working with broadcasting, journalism, and/or digital media organizations.
 4. IBM Full Stack Software Developer Professional Certificate, Microsoft Certified Full Stack .NET Developer, or similar.
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Document(s) Required at Time of Application

1. High school transcript or other equivalent (GED, foreign equivalency, etc.).
 2. College transcript(s) from an accredited college or university, if applicable.
 3. Resume with Online Portfolio/Website URL.
 4. Specific documented evidence of training and experience to satisfy qualifications.
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Examples of Assigned Work Areas

Clark County School District (CCSD)/Vegas PBS facilities, schools and department offices.

Work Environment

Strength

Sedentary/medium - exert force up to 25-50 lbs., occasionally; 10-25 lbs., frequently; up to 10lbs., constantly.

Physical Demand

Frequent sitting, standing, walking, pushing, pulling, stooping, kneeling, crouching, reaching, handling, talking, hearing and repetitive fine motor activities. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. Mobility to work in a typical office setting and use standard office equipment. Stamina to remain seated and maintain concentration for an extended period of time. Vision: Frequent near acuity, occasional far acuity, and color vision. Vision to read printed and online materials, Video Display Terminal screens, or other monitoring devices.

Environmental Conditions

Climate-controlled office setting with temperatures ranging from mild to moderate cold/heat. Exposure to noise levels ranging from moderate to loud for occasional to frequent time periods.

Hazards

Furniture, office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment).

Examples of Equipment/Supplies Used to Perform Tasks

Computers, peripheral devices, printers, modems, computer software and/or hardware, audio/visual presentation materials printers, copiers, calculators, fax machines, telephones, filing cabinets/equipment, etc.

AA/EOE Statement

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative solutions to meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

Job Revision Information

- Created: 11/17/25