Position Description

Report Run Date	6763
Position Number:	02024999
UC Path Position #	40345052
Dept:	ENT APPS & INFRASTRUCTURE SVCS - 061419
Position:	Web Developer
Approved Payroll Title Code:	0652
Approved Payroll Title:	APPLICATIONS PROGR 4
Approved MSP Salary Grade:	
Approved PSS Salary Grade:	MSP24
POSITION DETAILS	
Job Summary:	Under the general supervision of the Web Development Supervisor, provide back-end and front-end web programming, architecture design, and API integration for the academic, business, and infrastructure needs of UC Davis. The Web Development team is responsible for the development and maintenance of the campus web presence, including the UC Davis Home Site, content Management System, and Component Pattern Library. This position is a technical leader with a high degree of knowledge in web development and has a high campus impact as it supports mission-critical systems and applications used by the entire population of student, faculty, staff, and university affiliates.
Campus Job Scope:	
Department Specific Job Scope:	
Positions Supervised:	N/A
Essential Responsibilities:	70% PROGRAMMING Use current web programming languages, databases, application programming interfaces (APIs), frameworks, and content management systems to develop advanced web-based solutions for campus-wide, mission-critical applications. Identify, enhance and recommend improvements to application development software development lifecycle techniques used in IET, including codebase organization strategy, tracking issues through the ticketing system, and estimating effort for large and small tasks. Use current Continuous Integration (CI) and automated testing tools to create and perform automated tests to ensure stable and bug-free deployment. Develop new, and enhance existing, APIs for campus applications. Integrate applications with external APIs. Continue to learn new technologies and techniques though professional development classes, conferences, and community involvement.

	30% CONSULTATION & SUPPORT Conduct security evaluations for a wide variety of web applications. Work with clients to meet their web application security needs as they relate to campus policy. Engage customers through the discovery process to define requirements and scope for projects. Assume project lead and technical subject matter expert role to provide effort estimates for large and small tasks and track devoted resources. Assist users in-person, via email or telephone. Work with others to resolve client problems. Provide Tier-2 support for web sites and applications. Collaborate with other UC campuses to share code, expertise, and processes. Recommend services and technologies to enhance web sites and applications.
Physical Demands:	Work at a computer and view display screens for long periods of time.
Work Environment:	Vacation is restricted during peak work periods. Adhere to workplace safety practices, read information communicated about workplace safety, complete required safety training on time, and report any workplace safety issues promptly to their supervisor or the designated safety coordinator. This position is a critical position and subject to a background check. Employment is contingent upon successful completion of background investigation including criminal history and identity check. UC Davis is a smoke and tobacco free campus. Smoking, the use of smokeless tobacco products and the use of unregulated nicotine products (e-cigarettes) will be strictly prohibited on any UC Davis owned or leased property, indoors and outdoors, including parking lots and residential space.
Background Check:	Yes
QUALIFICATIONS	
Minimum Qualifications:	Experience and skill using modern programming languages, practices and patterns, including object-oriented PHP, MySQL, and JavaScript. Experience creating Drupal modules and themes, including at least 1 year of experience developing in Drupal 8 or above. Experience with modern front-end development technologies such as Twig, SASS, NPM, PatternLab, and Gulp. Experience working within complex software development lifecycle methodologies including version control, issue tracking, code review, and deployment. Experience developing advanced, accessible web solutions fully compatible on a variety of devices, screen sizes, and assistive technologies. Experience with JavaScript platforms such as Node.js, Vue.js, and React.js.
Preferred Qualifications for Selection:	Experience developing Drupal install profiles and distributions. Experience collaborating with other organizations and contributing to open source projects. Experience creating and giving presentations to large and small audiences on technical topics. Experience writing automated tests using automated testing suites such as Behat,

	PHPUnit, Cypress, and visual regression tools.
	Experience creating APIs in custom applications and integrating with external APIs.
	Experience using Amazon Web Services (AWS), including Lambda, Step Functions, API Gateway, and S3, to develop serverless applications.
	Experience working with Continuous Integration systems such as Bitbucket Pipelines, CircleCI, GitLab CI/CD, and ProboCI.
	Experience with modern local development environments, such as Docker, Docksal, Lando, and DDev.
	Knowledge of web caching systems such as Memcache, Redis, Varnish, and CDNs.
	Knowledge of secure software development.
	Web content strategy and information architecture skills.
	Experience collaborating with clients and stakeholders to build requirements and project estimates.

Expectations

Job Expectations	-Read and model the UC Davis Principles of Community. -Maintain professional, positive and productive relationships with others on assigned tasks and responsibilities. -Ensure that commitments are completed with the highest regard for professional, as well as personal integrity. -Be accountable for the safekeeping of resources in the employee's care and custody and for following and implementing the cyber-safety guidelines. -Maintain excellent organization to establish priorities, organize tasks, and direct effective implementation of tasks in a demanding work environment. -Communication skills to effectively present information (oral, written, presentation, documentation). Provide informal training and mentoring to educate personnel in the use of products or services. -Highly motivated and results orientated. -Maintain up-to-date knowledge through literature, classes, conferences, exhibits, seminars, on-the-job training, and other relevant training forums. Attendance at conferences, classes, and exhibits, involvement in professional groups and associations, subscriptions to and readership of professional literature, and other sources of learning will all be referenced in evaluating the incumbent's initiative in this area. -Ability to cultivate trust and build successful working relationships with stakeholders, subject matter experts, and other relevant staff and management. -Independently follow projects through to successful completion with a high degree of quality.