

POSITION DESCRIPTION



State Library
of Victoria

SECTION 1 – POSITION DETAILS

Position No	1908	Position Category	Business Support - Para Professional
Position Title	Senior Web Applications Developer	Classification	Grade 4.1
Department	Corporate Services and Planning	Date Created (if new position)	/ /
Division	Technology Services	Date Last Revised	20/03/2008
Section	Web Services	HR Reference No (HR use only)	1908
Establishment type	<input checked="" type="checkbox"/> Core <input type="checkbox"/> Non – Core (Supplementary) <input type="checkbox"/> Non-core (Project) <input type="checkbox"/> Non-core (Start up)		
Reports to: (position title & number)	Client and Web Relationship Manager (5074)	Contact number	8664 7420

SECTION 2 – POSITION REQUIREMENTS

Mode of employment:	<input checked="" type="checkbox"/> Full-time <input type="checkbox"/> Part-time <input type="checkbox"/> Casual
Hours of Work:	76 hours per fortnight, with some out of hours work required
Physical Demands:	Not Applicable
Employment Conditions:	As per the current Enterprise Partnership Agreement.
Work Location:	328 Swanston Street, Melbourne

SECTION 3 – PRIMARY FOCUS

The State Library of Victoria website comprises over 4,000 pages of information, access to 1.3 million catalogue records and 175,000 digital images, and links to services such as online reference services and the Library's online shop. As the single busiest point of contact with the general public, the website presents the organisation to the public, provides access to the Library's information and services, and contributes to the organizations' marketing and business objectives. Additional sites such as www.mirroroftheworld.com.au, www.insideadog.com.au and www.vicnet.net.au complement the Library's online presence.

The primary focus of the Senior Web Applications Developer is the delivery of innovative technical solutions for the Library's web publishing requirements. This includes employing effective methodologies, practices and technologies to make the best use of Library resources, capabilities and opportunities.

SECTION 4 – POSITION DELIVERABLES

Position specific deliverables

1. Enable the delivery, maintenance, improvement and development of the Library's online presence (www.slv.vic.gov.au) and associated additional web sites through the effective provisioning of web application development technologies.
2. Promote the efficient and effective use of the Library's web application development capability through integration of available staff and technical resources.
3. Enhance the Library's web application development capability through the formulation and implementation of improvements to methodologies, processes, systems and technologies.
4. Provide technical advice, documentation and methodologies to promote the effective management of Library web application projects.
5. Provide effective processing of production requests and utilisation of appropriate skills of team members within Technology Services Division to promote web application development efficiency.
6. Coordinate technical infrastructure requirements for web application development with relevant officers within the Technology Services Division.

SECTION 5 – KEY SELECTION CRITERIA

Mandatory:

1. Relevant tertiary qualification and relevant experience in the field of web application development.
2. Demonstrated expertise in the deployment of online applications such as complex content management systems, user participation, and online community systems through the use of technologies including object oriented programming languages such as PHP, Perl, JavaScript, ActionScript, J2EE; and methodologies such as jQuery, to web standards for XML, XHTML, CSS, and to user experience and accessibility objectives, within a UNIX environment, and employing MySQL or PostgreSQL database administration methodologies.
3. Demonstrated capability to identify technical requirements for web application development projects including the delivery of technical project documentation, the time and resource estimation of tasks within project schedule limitations, the successful coordination of team technical goals and capability, contribution to setting and achievement of technical goals, and the assessment of technical proposals.
4. Demonstrated successful achievement of project technical requirements through the effective integration of technical and non-technical project team member skills and capabilities.
5. Experience in the effective use of version control systems such as SVN / CVS, the establishment of effective web development methodologies and procedures, the configuration of web development environments and processes and the centralisation of reusable technologies such as libraries and modules.

6. Demonstrated capability to (at a team level) to manage, prioritise and process technical work requests, feedback, bug identification and resolution, and the management of technical requirements for the life cycle of new and existing web sites including planning, implementation, testing, and maintenance phases.

Desirable:

1. Experience with any of the following applications – Adobe Creative Studio, Serena Collage, BEA AquaLogic.
2. Knowledge of Unix – Solaris or Debian Linux operating systems.
3. Experience developing e-commerce applications, user management, user participation and contribution systems, online social media, and multimedia content display systems.
4. Experience in the library and information management sector such as experience with online journal databases, online catalogues and library management systems.

Judgement: Consider work complexity, reasoning and creativity

The Senior Web Applications Developer is required to:

- make sound judgements relating to the provision of appropriate technical advice,
- think clearly, conceptualise and articulate complex issues, and provide creative solutions to technological issues,
- identify, clarify, and communicate technical issues as they arise,
- propose technical solutions that make best use of organisational capability.

Accountability: Level of independence and influence of role, nature and type of impact

The Web Applications Developer is responsible for ensuring:

- the functioning of existing web applications to organisational requirements on an ongoing basis.
- that applications recommended and implemented meet organisational requirements
- that new web applications meet all Government requirements including web accessibility.
- that new web applications developed meet agreed web standards requirements.

SECTION 6 – ORGANISATIONAL COMMITMENTS

Occupational Health & Safety Aware Employer:

The State Library of Victoria recognises its responsibility to provide and maintain, so far as is practicable, for *all* people who work in the Library or use its resources, an environment that is safe and without risk to health. In order to achieve that objective the Library maintains an OH&S management system that includes policies, procedures and systems of work. In addition all Library employees have been allocated OH&S responsibilities and are held accountable to ensure that the policies, procedures and systems of work are implemented and followed.

Equal Opportunity Employer:

The Library Board of Victoria is an equal opportunity employer and is committed to providing for its employees a work environment that is free of harassment or discrimination. In line with that, the Library is continually reviewing its internal HR policies and practices to ensure a work environment free of discrimination and harassment.