Position Title:	**Senior Test Automation Development Officer**	Position Number:	**40001594**
Salary & Level:	**Level 5 PSCSAA 2019**	Last Update:	**July 2021**

The Organisation

Lotterywest is the only State Government owned and operated lottery in Australia, where all the available profit is returned to Western Australians through community and statutory grants. Lotterywest has supported the Western Australian community for over 80 years. Its vision is to 'build a better Western Australia together.'

Lotterywest is the employing agency for Healthway, which is the only State Government agency dedicated to health promotion. For over 30 years Healthway has been providing grant funding to sport, arts and racing organisations, community activities, and to health promotion projects and research. Healthway's vision is for a 'healthy and more active Western Australia.'

About the Technology Services Business Unit

Technology Services is responsible for the technology services and support IT functions across all areas of the Lotterywest and Healthway businesses. The area is also responsible for the overarching compliance, change management and technology partner services for Lotterywest gaming and Lotterywest and Healthway grant management systems. In doing its work, the Technology Services team works collaboratively across the organisation to ensure technology business needs are met.

The business unit is undertaking transformation in the way it delivers services, consistent with the Board endorsed strategic direction. This is with the purpose to deliver an agile, scalable, responsive team and digital business operating model, including investment in cloud services, focused strategic vendor management and contemporary digital solutions to deliver on current and future business outcomes.

Key Focus Areas of Position

Reporting to the Manager Application Development this role significantly contributes to the efficient and effective translation of business requirements into high quality technology solutions for the organisation's web, gaming and internal business systems. The role provides consulting, analysis and test automation development services throughout the development lifecycle to ensure a robust solution is delivered for both customer acceptance testing and production. The role has the following key areas of focus:

- **Automation Planning** - Defines and drives innovative automated testing strategies and toolsets into the overall development processes that support and enhance the current Quality Assurance processes

- **Automation Development** - Develops automated scripts using modern test automation tools and frameworks to help establish and grow Lotterywest's test automation capability

- **Test Execution** – Executes test scripts and uses defect management tools, applying knowledge of continuous integration and delivery principles

Key Responsibilities

- Defines and drives test automation strategies, frameworks, process and execution using web automation tools and frameworks in order to increase testing productivity, speed of delivery, system performance and test coverage

- Develops automated tests to ensure delivery of a high-quality, production-ready technology solutions

- Maintain robust documentation for test cases and results, risks, issues and defects

- Analyses and translates business requirements into software specifications describing how a product will work from the user's (or customer's) perspective and identifying tasks required for the delivery of the software solution

- Develops and fosters effective relationships with team members, staff and essential stakeholders in a highly dynamic and collaborative environment

- Acquires and applies knowledge of new developments within test automation that has a positive influence on Lotterywest IT business systems

- Provides efficient and responsive resolution or diagnosis of technical and operational issues or referral of complex technical issues. This includes working with web developers, internal support teams, external vendors and suppliers as appropriate

- Adheres to the quality assurance process and procedures relating to software development and testing

- Performs other duties as required
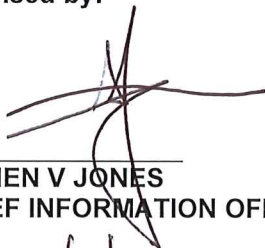
Mandatory/Special Role Requirements

Drivers Licence
Police Clearance
After hours work (occasional)

Essential Selection Criteria

1. Demonstrated experience and knowledge in solving technical problems and implementing innovative test automation solutions

2. Demonstrated experience with Continuous Integration, Test Automation and Version Control systems

3. A good understanding of modern web frameworks, tools, and technologies such as HTML, CSS, Javascript, AJAX, web services, mobile apps and APIs

4. Proficient with bug tracking and test management toolsets to support development processes

5. Experience writing specifications and working within the Software Development Life Cycle

6. Strong communication and interpersonal skills

Authorised by:

STEPHEN V JONES
A/CHIEF INFORMATION OFFICER

Date: 19/7/21

Reporting Relationship

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                          Chief Information Officer
                                 40000116
                                  LEVEL9
                                   1FTE
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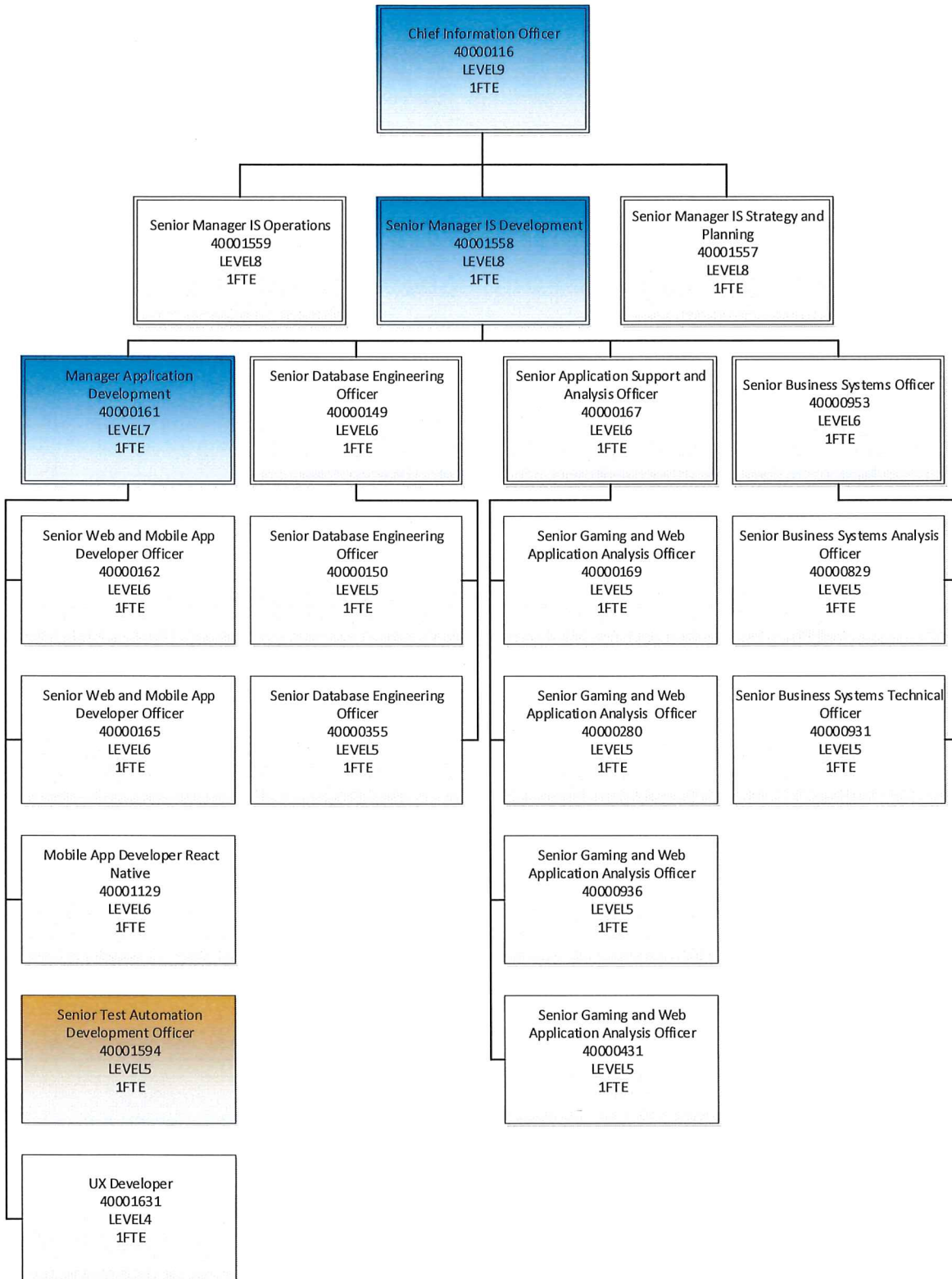
Senior Manager IS Operations 40001559 LEVEL8 1FTE	Senior Manager IS Development 40001558 LEVEL8 1FTE	Senior Manager IS Strategy and Planning 40001557 LEVEL8 1FTE

Manager Application Development 40000161 LEVEL7 1FTE	Senior Database Engineering Officer 40000149 LEVEL6 1FTE	Senior Application Support and Analysis Officer 40000167 LEVEL6 1FTE	Senior Business Systems Officer 40000953 LEVEL6 1FTE

Senior Web and Mobile App Developer Officer 40000162 LEVEL6 1FTE	Senior Database Engineering Officer 40000150 LEVEL5 1FTE	Senior Gaming and Web Application Analysis Officer 40000169 LEVEL5 1FTE	Senior Business Systems Analysis Officer 40000829 LEVEL5 1FTE

Senior Web and Mobile App Developer Officer 40000165 LEVEL6 1FTE	Senior Database Engineering Officer 40000355 LEVEL5 1FTE	Senior Gaming and Web Application Analysis Officer 40000280 LEVEL5 1FTE	Senior Business Systems Technical Officer 40000931 LEVEL5 1FTE

Mobile App Developer React Native 40001129 LEVEL6 1FTE		Senior Gaming and Web Application Analysis Officer 40000936 LEVEL5 1FTE	

Senior Test Automation Development Officer 40001594 LEVEL5 1FTE		Senior Gaming and Web Application Analysis Officer 40000431 LEVEL5 1FTE	

UX Developer 40001631 LEVEL4 1FTE

Direct Reports	Indirect reports
0	0