POSITION DESCRIPTION
Australian Broadcasting Corporation

Label	Description
Position Title:	AUTOMATION TEST ENGINEER
Position no:	50038310
Team:	Product & Content Technology
Department:	Content Discovery & Personalisation
Location:	Ultimo
Reports to:	ENGINEERING MANAGER – CONTENT DISCOVERY & PERSONALISATION 50055073
Classification:	Technologist
Schedule:	Schedule A
Roster cycle	Non-Rostered
Band/level:	Band 7
HR Endorsement:	8/09/2021

Purpose

Ensure high quality software is delivered for the ABC's personalisation platforms, which are embedded within websites, mobiles apps, newsletters and connected devices to support the strategic rollout of the Personalised Audience Experiences (PAX) project.

Key Accountabilities

- Under broad direction, develop and maintain very complex JavaScript frameworks for the automation of Web and API testing in line with PAX project objectives.

- Analyse and develop a comprehensive understanding of system requirements to prepare the QA strategy, including the automation strategy with appropriate script dependencies, assumptions, and constraints.

- Develop and maintain highly advanced and comprehensive testcases.

- Identify, document, and perform manual testing where automation is not possible.

- Analyse very complex software systems and collaborate with relevant stakeholders to improve design, quality, including governance measurement to ensure applications perform to specification.

- Actively promote and educate product teams on automation techniques by working closely with developers and product managers and facilitating very complex training workshop if needed.

- Actively promote the ABC values and apply all relevant workplace policies and guidelines.

- Cooperate with any reasonable instruction, procedure or policy relating to safety and take reasonable care for your own safety and that of other people who may be affected by your conduct while at work. Additional WHS responsibilities apply to Managers and Supervisors, Team Directors, and other Officers.

Key Capabilities/Qualifications/Experience

1. Relevant tertiary qualifications or equivalent extensive skills, knowledge and experience.

2. Demonstrated extensive development experience in test automation and using different testing tools is essential.

3. Demonstrated wide development experience in languages such as JavaScript.

4. Extensive experience working with web apps, mobile apps and Restful APIs.

5. Demonstrated extensive experience in web or mobile testing of responsive websites across multiple devices.

6. Experience in test tool/frameworks such as Playwright, Cypress, TestCafé and WebdriverIO is an advantage.

7. Knowledge of machine learning or data algorithm testing is an advantage.

8. Highly advanced problem solving and analytical skills with the ability analyse, diagnose and solve very complex technical problems.

9. Highly advanced communication and interpersonal skills with the ability to convey very complex technical information to a range of stakeholders.

10. **ABC Principles:** Demonstrated commitment to the ABC Principles of We are ABC, Straight Talking, People Focused, Accountable and Open & Transparent.

11. **ABC Policies:** Understanding of the relevance and scope of ABC policies and the ABC Principles and a commitment to adhere to these; particularly in relation to complying with health, safety and wellbeing requirements in the workplace and acting in accordance with the ABC Principles.

12. **Diversity and Inclusion:** Ability to communicate effectively and build relationships with people from a range of diverse backgrounds.

www.abc.net.au/careers