

POSITION DESCRIPTION:

Developer

Role	Developer
Time commitment	8 hours per week
Contract period	Until 31 December 2022
Location	Flexible within Australia; co-working space available in Melbourne
Reports to	Research & Projects Manager
Apply by	9am, Tuesday 14 June 2022

ABOUT PIJI

The [Public Interest Journalism Initiative](#) (PIJI) is a specialist think tank researching how Australia can secure the future of public interest journalism. It informs practical policy solutions and public conversation on the importance of an effective, pluralistic news media of all sizes.

As a registered charity, PIJI is governed by a Board of independent directors and guided by an Expert Research Panel and Policy Working Group. It is dedicated to catalysing positive action at a systemic level to support a diversity of public interest journalism that informs our citizens and strengthens and safeguards our democracy.

PIJI is a limited shelf-life initiative scheduled to cease operation in June 2023, in line with achieving its intended impact.

ROLE AND KEY FUNCTIONS

The Developer will work with the Research and Projects Manager to extend and maintain an existing database of news production and extend, maintain, and build new web apps to present that data in a publicly accessible format.

PIJI has an existing database built by freelance developers in Python which is used to collect and store data about news production around Australia. This data informs three web apps developed for PIJI by different developers in React JS since 2020: a [map of changes in news production](#); a [map of local news producers](#); and an [index of all news producers](#).

To achieve the objectives of PIJI's research agenda, the Developer will be responsible for the following functions:

- Support the Research & Projects Manager by providing technical advice to assist with research design;
- Conduct technical maintenance on an existing database;
- Build new functionality into the existing database to enable new data collection, record keeping and analytical tools;
- Connect the existing database to public APIs to enable automated record updates;
- Maintain and extend the functionality of existing web apps in line with research and communication objectives;

- Build new web apps to enable presentation and analysis of different data segments in a publicly accessible way.

WORK HOURS/DAYS

This is a contract for 8 hours per week, ending 31 December 2022. PIJI offers a flexible working environment (including remote working) to promote integrity, respect and teamwork and as an employer we are committed to providing equal opportunities and a positive work environment.

EXPERIENCE & KNOWLEDGE

The successful candidate should have the following skills:

1. Experience with Python or Node-based applications
2. Advanced experience with single-page-application frameworks such as React JS
3. Database management skills (PostgreSQL + PostGIS)
4. Experience building and deploying applications using Amazon Web Services

PERSONAL ATTRIBUTES

- Interpersonal skills aligned with a positive and respectful work culture
- A genuine interest in the organisation, its business and core values
- Ability to manage time effectively
- Self-motivation and ability to work independently of supervision
- Collaborative approach, open and engaging style that builds trust and confidence
- Capacity and commitment to give time required

TO APPLY FOR THE ROLE

Please submit a CV and covering letter outlining why you are interested in joining PIJI team and how your skills and experience align to this opportunity.

All applications should be emailed to gary.dickson@piji.com.au.

Applications must be submitted by 9am on Tuesday 14 June.

MORE INFORMATION

For a confidential discussion, please contact:

Gary Dickson
Research and Projects Manager
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