



Position Details

Technical Services- CSOF4

THE FOLLOWING INFORMATION IS FOR APPLICANTS	
Advertised Job Title	Integration Developer
Job Reference	100196
Tenure	Indefinite
Salary Range	AU\$96k - AU\$109k per annum plus up to 15.4% superannuation
Location(s)	Canberra (preferred), or Brisbane, Sydney, or Melbourne, or Hobart
Relocation Assistance	Will be provided to the successful candidate if required
Applications are open to	Australian Citizens only
Position reports to the	Manager, Enterprise Reporting and Integration Team
Client Focus – Internal	100%
Client Focus – External	0%
Number of Direct Reports	0
How to apply	Apply online at https://jobs.csiro.au/ Internal applicants please apply via Jobs Central If you experience difficulties when applying, please email careers.online@csiro.au or call 1300 984 220.

Acknowledgement of Country

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the areas that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](#).

Role Overview

Within CSIRO IM&T supports the enterprise data functions that underpin CSIRO's business systems. These incorporate more than 100 products, including in-house developed systems to custom configured systems, as well as the management of numerous "off the shelf" products. The integration team is central to supporting this diverse infrastructure and IT ecosystem.

CSIRO's current integration environment is on-premise and Windows Server-based, using IIS, .NET Framework/.Net Core, ServiceStack, Redis, and SQL Server. CSIRO is in the process of strategically transitioning from the on-prem environment to an Azure cloud-based integration architecture.

As a Integration Developer, you will work on a wide range of integration services and pattern development, to assist with this modernisation. You will develop and implement Azure integration solutions while also helping manage existing .Net on-premises integration services in a BAU support capacity. This dual-focused role will assist with platform establishment, support migration efforts, and play a key role in transitioning on-premises integration patterns to the cloud while maintaining hybrid integration capabilities.

The ideal candidate should have a sound understanding of common Azure integration patterns, supported with demonstrated C# development skills, experience in developing integrations and APIs using Visual Studio, .Net Framework/.Net Core technologies, and TFS/Azure DevOps for source control. Proficiency in PowerShell/CMD File scripting, integration design patterns, microservice architectures, testing methodologies, JavaScript, and tools like Postman is expected. Knowledge of application security and Azure Native Cloud is beneficial.

Duties and Key Result Areas

- Assist in developing and implementing Azure Integration Services under guidance
- Support the development and maintenance of on-premises .Net integration services
- Help configure and maintain Azure environments and network connectivity
- Assist with transitioning on-premises integration patterns to Azure
- Liaise with stakeholders and other members to clarify and understand the technical requirements for new integrations that are needed by the organisation.
- Contribute to team discussions, to help design and implement effective security solutions for integrations managed by the team.
- Liaise with the test lead to design, prepare and execute test cases, to test integration services, using tools like JavaScript and Postman.
- Participate in team meetings and team planning activities to ensure that the integration backlog is continuously groomed and kept up to date.
- Document your code, designs, integration patterns, test cases, test plans along with any support requirements in the team Confluence space.
- Use Jira to track your work.
- Adhere to the spirit and practice of CSIRO's Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Zero Harm goals.
- Other duties as directed.

Selection Criteria

Essential

Under CSIRO policy only those who meet all essential criteria can be appointed.

1. Relevant trade certificate/diploma/bachelor's degree or equivalent relevant work experience in software development, software engineering or computer science.
2. A demonstrated understanding of integration principles and practices.
3. Demonstrated development experience using C# in a .Net environment.
4. Proven experience working in an agile DevOps team, using Scrum or Kanban.

5. Demonstrated experience with software testing, using a range of testing methodologies.
6. Demonstrated experience in analysis, analytical thinking and problem solving.
7. Demonstrated ability to write technical documentation of a high standard.
8. Proven ability and motivation to proactively seek out solutions under minimal direction.
9. Proven ability to promote a team approach and develop sound working relationships.

Desirable

10. Experience with Azure Integration Services, including Logic Apps, Functions, Service Bus, and Event Grid.
11. Experience in other DevOps roles, in addition to development and testing.
12. Experience with additional languages, especially JavaScript for test scripting.
13. Experience designing software packages and API services using design patterns.
14. Experience with PowerShell/CMD File scripting.
15. Experience working with Confluence and Jira for documentation and task tracking.
16. Experience in API's testing with Postman.

Required Competencies

- **Teamwork and Collaboration:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.
- **Influence and Communication:** Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.
- **Resource Management/Leadership:** Allocates activities, directs tasks and manages resources to meet objectives. Provides coaching and on the job training, recognises and supports staff achievements and fosters open communication in the team.
- **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
- **Independence:** Recognises and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
- **Adaptability:** Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

Special Requirements

The successful candidate will be required to obtain and maintain a security clearance at the Negative Vetting 1 (NV1) level.

About CSIRO

We solve the greatest challenges through innovative science and technology. Visit [CSIRO Online](#) and [Information Technology](#) for more information.

CSIRO is a values-based organisation. In your application and at interview you will need to demonstrate behaviours aligned to our values of:

- People First
- Further Together
- Making it Real
- Trusted