

Software Engineers (Developers)

Description

The Department of Industry, Science and Resources and our broader portfolio are integral to the Australian Government's economic agenda. Our purpose is to help the government build a better future for all Australians through enabling a productive, resilient and sustainable economy, enriched by science and technology. We do this by:

- growing innovative and competitive businesses, industries and regions
- investing in science and technology
- strengthening the resources sector.

The CIO Division provides a range of enabling services and operations delivery to the department and to Australian businesses. We are seeking experienced Software Engineers to support the delivery of multiple ICT initiatives across the Division. Candidates are expected to be able to work effectively in delivery teams and contribute quickly in a fast-paced environment.

Responsibilities

- Build and maintain secure .NET (8/10) backend services and REST APIs (versioning, OpenAPI/Swagger, OAuth2/OIDC).
- Deliver React frontends that consume APIs and meet accessibility needs.
- Integrate internal and third-party systems (messaging/event-driven, identity, CRM) end-to-end.
- Apply secure coding/SDLC controls (e.g., scanning) and manage secrets (e.g., Key Vault).
- Write automated tests (unit/integration/UI) and enforce quality gates in CI/CD.
- Peer review code in DevOps.
- Implement to agreed architecture/standards (API, security, performance, observability—App Insights).
- Produce technical documentation, release notes and operational runbooks (incl. handover).
- Communicate progress, risks, dependencies and options to technical and non-technical stakeholders.
- Collaborate with product, UX, security and operations in an agile delivery model.
- Mentor and support team members; promote cross-skilling.
- Promote a culture of learning, collaboration and continuous improvement.
- Other duties as required.

Qualifications

You must hold a current Baseline security clearance at commencement.

Experience

The buyer has specified that each candidate must provide a one page pitch to address all criteria specified. This is equal to 5000 characters.

Essential criteria

1. Tertiary qualifications in software engineering (or equivalent experience) and experience with cloud-native patterns: Event-driven integration, and data platforms (SQL Server/Azure SQL, Blob Storage, caching) including high-volume processing.

Hiring organization

DISR

Employment Type

Contractor

Beginning of employment

Wednesday, 01 July 2026

Duration of employment

12 months with 2 extensions of 12 months each.

Working Hours

40 hours per week

Remote working arrangements may be considered on a case-by-case basis in consultation with the supervising manager, subject to business needs. Please indicate clearly in your response the candidates desired work location if outside ACT/Canberra.

Valid through

24.04.2026

2. Technical skills: Minimum 10 years designing, building and supporting secure web solutions across backend and frontend, including modern .NET (8/10) & ASP.NET Web APIs; REST API design (versioning, OpenAPI/Swagger, OAuth2/OIDC); React and automated testing (unit/integration/UI) (e.g., xUnit/nUnit, Playwright/Selenium).
3. Cloud and DevOps: Hands-on Azure delivery/operations across App Services/Functions, Azure SQL, Service Bus/Event Grid, API Management; CI/CD (Azure DevOps); monitoring (e.g., App Insights); third-party integration (e.g., Dynamics 365); and security controls (e.g., Key Vault) and legacy modernisation.
4. API-led delivery experience, including governance, OpenAPI/Swagger, performance and API security patterns.
5. Ways of working and security mindset: Familiar with ISM controls and applying them in build/design; effective across dispersed teams; able to engage technical and non-technical stakeholders; and mentor/collaborate to support team outcomes.

Desirable criteria

1. Test automation and quality engineering in CI/CD (unit/integration/UI; e.g., Playwright/Selenium, Jest, static analysis).
2. Delivery approach: Experience delivering in multi-disciplinary Agile teams; able to adapt scope and approach as requirements and constraints evolve.