Enterprise Architect

<table>
<thead>
<tr>
<th>Managing Division:</th>
<th>NSW</th>
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<tbody>
<tr>
<td>Business Unit:</td>
<td>N/A</td>
</tr>
<tr>
<td>Team:</td>
<td>Engagement Services</td>
</tr>
<tr>
<td>Employment status:</td>
<td>Full time</td>
</tr>
<tr>
<td>Location:</td>
<td>Sydney</td>
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<tr>
<td>Reports to:</td>
<td>Managing Consultant, Engagement Services</td>
</tr>
<tr>
<td>Staff under supervision:</td>
<td>Nil</td>
</tr>
<tr>
<td>Travel requirements:</td>
<td>As required</td>
</tr>
<tr>
<td>Authorised by:</td>
<td>Brett Bundock – Managing Director</td>
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Overview

The Enterprise Architect will help Esri Australia's clients achieve their transformation from traditional GIS infrastructure platforms to a new way of working – through leveraging the advantages of Cloud computing, and “as a Service” platforms.

The Enterprise Architect will be an important client advocate supporting the activities of the Engagement Services and Delivery teams within Esri Australia, to educate, inform and deliver architectural advice to key clients. The role will be a combination of educating and advising clients on their architectural options in a pre-sales capacity, and delivering technical architectural design services as paid engagements within delivery services.

The Enterprise Architect will bridge the gap between business and technology – speaking the value language of business and technology C-level individuals. The role combines a deep understanding of technology, applications, industry best practices, business processes and architectural patterns to drive IT and digital transformation initiatives that meet the business objectives of our customers.

The individual will have extensive knowledge of enterprise architecture concepts and experience using it to improve the adoption of spatial technology. They’ll understand how these concepts lead to better internal cohesion between people, processes and systems as well as promote
minimal disruption when introducing change into an organisation. They can provide sound architectural advice when confronted with diverse and complex technology landscapes.

Ideal candidates will be experienced professionals who possess in-depth knowledge of technology transformation utilising Cloud solutions. Candidates will have a bachelor’s degree in Computer Science or closely related subject; an advanced degree is preferred. In addition, 10 or more years’ experience in designing large and complex IT operations in large organisations, a research or academic environment is required. The position requires strong, proven client leadership experience and team-building skills, and must be able to collaborate effectively with a group of high performing individuals.

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<th>Success drivers</th>
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<tr>
<td>» Business results</td>
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<tr>
<td>» Client service</td>
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<tr>
<td>» Team contribution</td>
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<tr>
<td>» Professional practices</td>
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Responsibilities

Leadership

» Formulate the approach and undertake activities associated with strategic architectural definition within customer engagements.

» Interact with all roles at customer – including CIO, CTO, IT Architects, technical staff and Business representatives.

Commercial focused

» Deliver on profitable billable services work particularly as part of business and technical consulting engagements.

Client commitment

» Work with Esri Australia’s largest and most complex clients, in consultation with Business Development, to build advocacy and generate new business opportunities.

» Pursue and cultivate trusted advisor relationships with clients:
  • Close client relationships.
  • Increase services revenue.
  • Increase margin.
  • Higher staff engagement.
  • Enhance credibility with Esri Australia clients.

Practice management

» Demonstrate leadership in setting standards for enterprise architectural practice within Engagement Services and more broadly across the Professional Service team.

» Align approach with best practice standards for architecture practice including:
• Providing clear and sound architecture guidance.
• Referencing vendor specific product knowledge.
• Unbiased advice – always acting in the best interest of the customer.
• Drawing on practical implementation experience, both local and overseas in decision-making.
• Architect solutions utilising ArcGIS software and supported partner vendor solutions, making sure to align technology choices with the knowledge and skills of the wider Professional Services team.
• Lead detailed discovery analysis.
• Conduct repeatable strategy, architecture, roadmap and planning workshops.
• Provide assessment of current state architecture and recommendation of future state architecture.
• Provide detailed sizing and associated justification.
• Identify and evangelise key business and technology benefits of adoption.
• Provide roadmap and migration methodology and identify quick wins.

Success criteria

» Achieve a trusted advisor relationship with key clients in NSW.
» Become a sought-after resource for knowledge and skills both internally and externally.
» Deliver presentations at client, state and national GIS forums.
» Work with Business Development to generate new business opportunities.

Personal requirements

Skills and attributes

» Wide background including architecture, implementation and delivery of large-scale systems in real-world situations.
» Cloud architecture development, deployment and migration.
» Ability to walk up the Cloud stack (IaaS, PaaS, SaaS) model with modern terminology and relevance.
» Wide knowledge of IT market and trends.
» Knowledge of Cloud providers (AWS, Azure, GCP) and surrounding tools (Pivotal Cloud Foundry, Kubernetes, Docker, Apigee, Mulesoft, CA Layer 7, Redhat etc.).
» Detailed knowledge of architectural approaches including consolidation, Cloud computing, virtualisation, information management, Big Data, AI, Machine Learning, etc.
» C-level presentation experience.
» Exhibit strong architectural skills and excel in identifying creative and innovative solutions to complex problems.
» A strong practitioner with theoretical discussions as well as the ramifications of architectural choices made.
» A proven self-starter who is motivated to take ownership of projects and drive tasks to completion, including taking projects from scoping requirements through to actual launch of the app / project.

» The ability to prioritise workload, manage time and schedule tasks whilst remaining resilient to changing priorities.

» Foster and practice knowledge sharing with team members and end-users.

» Communicate well in both written and verbal mediums. Can communicate effectively to both technical and non-technical audiences.

» Enjoy working as a member of a team, foster a team environment, be an active and positive participant in forming a team oriented culture.

Qualifications and experience

» Bachelor’s Degree or higher-level qualification in a Computer Science or related technology field (Technology or Software Engineering).

» Previous technical leadership and managerial experience.

» Familiar with different project management methodologies (e.g. PMBOK, Waterfall, Agile) and employs business analyst skills.

» Certification in at least one of the following: TOGAF 9, ITIL, AWS Certified Solutions Architect.

» At least 10 years’ relevant work experience in a role predominately focused on solution, system and enterprise architecture.

» Proven experience working with business representatives – not just technical counterparts.

» Excellent written and verbal communication skills that come from a broad spectrum of disciplines.

The following skills and experience are desirable:

» Knowledge of multiple enterprise architecture frameworks (e.g. Zachman).

» Proven experience and an extensive skillset in designing complex ArcGIS software solutions across a wide variety of industries.

» Proven professional experience in software development projects including design, architecture, implementation, debugging, testing and support.

» Project management skills (AGILE, PMP or PMBOK) highly regarded.

Professional development

Esri Australia conducts annual performance appraisals for all members of staff. During your appraisal with your manager you will collaboratively set/review your key performance indicators and professional development plan, and identify any training needs.
Esri Australia’s core values

Esri Australia’s core values will be an important part of your role as Enterprise Architect, and will guide you in your internal and external relationships. These shared values influence: our professional ethics and practices; the way we work and interact with each other; the way we serve our clients; and how we engage our stakeholders.

**Integrity**: we are strategic and considered in everything we do, and unwavering in both our personal and professional integrity. This makes our clients feel valued and confident.

**Long-term relationships**: we are constantly seeking new ways to do more for our clients and to build and nurture these relationships. By understanding their business, we are in a position to help clients succeed.

**Excellence**: we use our intellect and experience to drive continual improvement every day. Our commitment to professional excellence underpins our role as our clients’ trusted advisors.

**Passion**: we are driven by the science that underpins GIS, and always look for new ways to share its value with our clients. Our passion keeps us at the forefront of our industry.