

Solutions Architect

EAS Role Definition – Solutions Architect

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Description

Provide guidance for the development of EAS applications including both application-level and platform-level guidance.

Duties and Responsibilities

Plan

- Define reference architectures for common solutions
- Work with Resource Managers to identify code review resources for a specific platform
- Provide estimating guidelines for specific platforms
- Define architecture review process as part of project planning

Execute

- Participate in SEI Competency Centers to define policies, procedures and reference architectures for specific platforms based on enterprise-level guidance
- Provide implementation support to Developers and Analysts as necessary
- Support requirements phase of projects, ensuring functional specifications are sufficient to develop a technical approach for implementation
- Support Developers and Analysts in their application-level architecture planning
- Architecture review

Monitor

- Review technical approach for implementation of new application including platforms and integrations as developed by application architects
- Attend code reviews to ensure that platform-specific standards and best practices are followed
- Check-in with Developers and Analysts during project implementation as defined in project plan to ensure unity of technical approach.

Communicate

- Document policies, procedures and reference architectures on Intranet
- Facilitate in-person learning/sharing opportunities as appropriate
- Develop PD sessions as appropriate

Requirements

1. Prerequisites
 - a. Certifications – None
 - b. Training – Broad understanding of multiple development platforms.
 - c. Work experience – Significant prior experience in developer/analyst roles.
 - d. Demonstrated proficiency – Ability to apply abstract architectural concepts to concrete software implementations.
2. Ongoing
 - a. Formal Training - None is required. However, there may be opportunities based on individual's Personal Professional Development Plan.
 - b. Formal training and conferences
 - c. Keeping abreast of developments on the platform or technology.

Scope

Internal to EAS only

Budget Responsibilities

None