

### Chief Systems Architect

A Chief Systems Architect is a strategic leader responsible for defining and driving the system architecture vision and strategy. This role involves establishing architectural principles and standards, collaborating with stakeholders to translate business goals into architectural solutions, overseeing the integration of system components, providing technical leadership, and continuously improving the system architecture to optimize performance and alignment with organizational objectives.

#### Responsibilities:

1. **Setting Vision and Strategy:** Define and articulate the overall system architecture vision and strategy.
2. **Establishing Principles and Standards:** Develop and enforce architectural principles, standards, and guidelines.
3. **Stakeholder Collaboration:** Work with stakeholders to understand business goals and translate them into architectural solutions.
4. **Feasibility Studies:** Conduct feasibility studies and evaluate architectural options.
5. **Architectural Roadmap:** Create and maintain a long-term architectural roadmap.
6. **System Integration:** Oversee the integration and compatibility of system components.
7. **Risk Mitigation:** Identify and mitigate high-level technical risks and issues related to architecture.
8. **Design Review and Approval:** Review and approve architectural designs, ensuring adherence to standards and best practices.
9. **Cross-Functional Collaboration:** Collaborate with other teams, executives, and departments to ensure architectural alignment and integration.
10. **Technical Leadership:** Provide technical leadership and guidance to the architecture team.
11. **Mentorship:** Mentor and coach junior architects and team members.
12. **Continuous Improvement:** Continuously assess and improve the overall system architecture to optimize performance, scalability, and maintainability.
13. **Strategic Planning:** Participate in strategic planning and decision-making processes related to architecture.

#### Authority:

1. **Architectural Decisions:** Make critical architectural decisions and trade-offs.
2. **Team Guidance:** Guide and direct the architecture team in executing architectural plans.
3. **Principles and Standards:** Establish and enforce architectural principles, standards, and guidelines.
4. **Organizational Influence:** Influence architectural decisions across the organization.

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5. **Stakeholder Collaboration:** Collaborate with stakeholders and executives to gain buy-in and support for architectural initiatives.

### **Accountability:**

1. **Overall Success:** Be accountable for the overall success and effectiveness of the system architecture.
2. **Business Alignment:** Ensure alignment between business goals and architectural strategies.
3. **Technical Integrity:** Take responsibility for the technical integrity and robustness of the system architecture.
4. **Communication:** Communicate and report on architectural progress, risks, and outcomes to relevant stakeholders.
5. **Compliance:** Ensure compliance with relevant regulations, standards, and security requirements.
6. **Implementation and Delivery:** Oversee the successful implementation and delivery of architectural solutions.
7. **Resource Management:** Manage the resources and budget allocated to architectural initiatives.

## **Lead Systems Architects**

A Lead Systems Architect plays a crucial role in overseeing and driving the architectural design, implementation, and integration of systems. They provide technical guidance and leadership to ensure projects are delivered successfully and align with business goals. The responsibilities, authority, and accountability (RAA) of a Lead Systems Architect include:

### **Responsibilities:**

1. **Lead Design:** Lead the architectural design and development process.
2. **Define Standards:** Define and implement architectural standards, principles, and guidelines.
3. **Collaborate with Stakeholders:** Collaborate with the Chief Systems Architect, other Lead Systems Architects, and stakeholders to understand business requirements and translate them into architectural solutions.
4. **Conduct Feasibility Studies:** Conduct feasibility studies and evaluate architectural options.
5. **Maintain Roadmap:** Create and maintain the architectural roadmap and strategy.
6. **Oversee Integration:** Oversee the integration and compatibility of system components.
7. **Mitigate Risks:** Identify and mitigate technical risks and issues related to architecture.
8. **Approve Designs:** Review and approve architectural designs, ensuring adherence to standards and best practices.

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9. **Ensure Alignment:** Collaborate with other teams and disciplines to ensure architectural alignment and integration.
10. **Mentor Team Members:** Mentor and coach team members on architectural concepts and practices.
11. **Improve Framework:** Continuously assess and improve the architectural framework to optimize performance, scalability, and maintainability.

### **Authority:**

1. **Make Decisions:** Make decisions related to architectural design and implementation within the defined scope.
2. **Guide Team:** Guide and direct the architecture team in executing architectural plans.
3. **Approve Designs:** Approve architectural designs and ensure compliance with established standards.
4. **Influence Decisions:** Collaborate with stakeholders and influence architectural decisions.

### **Accountability:**

1. **Ensure Success:** Be accountable for the successful implementation and delivery of architectural solutions.
2. **Align with Goals:** Ensure alignment between business goals and architectural strategies.
3. **Maintain Integrity:** Take responsibility for the technical integrity and effectiveness of the system architecture.
4. **Report Progress:** Communicate and report on architectural progress, risks, and outcomes to relevant stakeholders.
5. **Ensure Compliance:** Ensure compliance with relevant regulations, standards, and security requirements.

## **Architecture Contributors**

An Architecture Contributor provides expertise, contributes to architectural design and development efforts, collaborates with the architecture team, and ensures the delivery of high-quality architectural solutions within their assigned areas. The Responsibility, Authority, and Accountability (RAA) list for an Architecture Contributor includes:

### **Responsibility:**

1. **Design and Development:** Contributing to the architectural design and development process.
2. **Expertise:** Providing input and expertise on specific architectural domains or components.
3. **Collaboration:** Collaborating with the Lead Systems Architect and other stakeholders to understand architectural requirements.

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4. **Research:** Conducting research and analysis to identify appropriate architectural solutions.
5. **Documentation:** Developing architectural models, diagrams, and documentation.
6. **Reviews:** Participating in architecture reviews and providing constructive feedback.
7. **Implementation:** Implementing architectural decisions and guidelines within their assigned areas.
8. **Integration:** Collaborating with other team members to ensure architectural alignment and integration.
9. **Learning:** Staying updated with emerging technologies and industry trends related to their specific domain.
10. **Improvement:** Continuously improving their architectural knowledge and skills.

### **Authority:**

1. **Recommendations:** Providing recommendations and suggestions based on their expertise and analysis.
2. **Decisions:** Contributing to architectural decisions within their assigned areas.
3. **Influence:** Collaborating with the Lead Systems Architect and other team members to influence architectural outcomes.

### **Accountability:**

1. **Quality:** Delivering high-quality architectural contributions within their assigned areas.
2. **Compliance:** Ensuring compliance with established architectural standards and guidelines.
3. **Teamwork:** Collaborating effectively with the architecture team and other stakeholders.
4. **Goals:** Contributing to the achievement of architectural objectives and project goals.
5. **Accuracy:** Taking responsibility for the accuracy and completeness of their architectural deliverables.

## **Architecture Consumers (Reviewers/Editors)**

Architecture consumers are individuals or groups within an organization who engage in the architectural process by providing business requirements, offering feedback, and ensuring alignment between architectural decisions and their specific needs and goals. The Responsibility, Authority, and Accountability (RAA) list for architecture consumers includes:

### **Responsibility:**

1. **Articulate Requirements:** Clearly articulating business requirements and goals to inform the architectural design process.
2. **Provide Feedback:** Providing input and feedback on proposed architectural solutions.
3. **Ensure Alignment:** Collaborating with architects and stakeholders to ensure alignment with business needs.
4. **Review Architecture:** Participating in architecture reviews and offering insights on usability, functionality, and performance.

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5. **Share Expertise:** Providing domain-specific knowledge and expertise to inform architectural decisions.
6. **Prioritize Needs:** Communicating and prioritizing architectural requirements to guide the design process.
7. **Develop Standards:** Contributing to the development and maintenance of architectural standards and guidelines.

### **Authority:**

1. **Request Changes:** Requesting architectural changes or improvements based on business needs and requirements.
2. **Approve Solutions:** Approving or validating architectural solutions within their domain of expertise.
3. **Influence Decisions:** Collaborating with architects to influence decisions and ensure alignment with business objectives.

### **Accountability:**

1. **Meet Requirements:** Ensuring that architectural solutions meet business requirements and contribute to desired outcomes.
2. **Utilize Effectively:** Taking responsibility for the effective utilization and adoption of architectural solutions.
3. **Assess Performance:** Providing feedback on the performance and effectiveness of architectural solutions.
4. **Comply with Standards:** Complying with architectural standards, guidelines, and best practices.
5. **Report Issues:** Communicating and reporting on architectural issues or concerns to relevant stakeholders.

## **Model Managers / Administrators**

Architecture Model Managers and Administrators are responsible for overseeing and maintaining the integrity, accessibility, and governance of architecture models. They ensure proper version control, access permissions, and alignment with organizational standards and best practices. Their responsibilities, authority, and accountability (RAA) include:

### **Responsibility:**

1. **Manage and Maintain:** Managing and maintaining architecture models and repositories.
2. **Define Standards:** Defining and enforcing standards and guidelines for creating and updating architecture models.
3. **Ensure Integrity:** Ensuring the accuracy, completeness, and integrity of architecture models and related documentation.

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4. **Collaborate:** Collaborating with stakeholders to understand their requirements for architecture models.
5. **Develop Processes:** Developing and implementing processes and workflows for creating, reviewing, and approving architecture models.
6. **Train and Support:** Training and supporting users in using architecture modeling tools and techniques.
7. **Quality Assurance:** Conducting quality assurance checks on architecture models and addressing any issues or discrepancies.
8. **Handle Data:** Ensuring appropriate data handling and marking.
9. **Stay Updated:** Staying up to date with industry best practices and emerging trends in architecture modeling.

### **Authority:**

1. **Define Governance:** Defining the governance framework for architecture modeling and repository management.
2. **Make Decisions:** Making decisions on architecture modeling standards, tools, and processes.
3. **Approve Changes:** Approving changes to architecture models and related artifacts.
4. **Set Permissions:** Setting access and permissions for architecture modeling tools and repositories.

### **Accountability:**

1. **Ensure Quality:** Ensuring the accuracy, quality, and consistency of architecture models and documentation.
2. **Resolve Issues:** Managing and resolving issues and discrepancies related to architecture models.
3. **Support Users:** Providing support and guidance to users of architecture modeling tools.
4. **Report Status:** Reporting on the status and health of the architecture models and repositories.
5. **Ensure Compliance:** Ensuring compliance with relevant regulations, standards, and security requirements for architecture modeling.