

Lead Technical Architect Position - Kuali Rice

About the Kuali Foundation

The Kuali Foundation is a non-profit organization that coordinates the efforts of colleges and universities to sustain and evolve administrative software that meets the needs of all sizes of higher education institutions, from small colleges to large research universities. The Kuali Foundation began in 2004 as a cooperative effort among partners and a grant from the Andrew W. Mellon Foundation to develop an open-source, community-owned financial system. Success with joint development of Kuali Financial System has led to three other pooled investment projects, including Kuali Coeus for Research Administration, Kuali Student and Kuali Rice, with coordination by the independent, not-for-profit Kuali Foundation Inc. The software of Kuali projects is freely available under the Educational Community License to anyone for any use or modification without fee. For more information, see www.kuali.org.

Opportunity

The Lead Technical Architect's role is to align technology vision with Kuali strategy by integrating applications with the appropriate technologies and defining a roadmap for technology changes that align with the objectives of all Kuali projects. This role will collaborate across all Kuali projects and with other open source communities, and keep current with leading edge technologies.

Responsibilities

- Participate as a member of the Rice Board, Technology Roadmap Committee, and Rice project team in governance processes of the overall technology architecture. Liaise with the Application Roadmap Committee to provide expertise on application architecture roadmap decisions.
- Lead strategic technological planning to achieve Kuali goals by prioritizing technology initiatives and coordinating the evaluation, deployment, and management of current and future technologies.
- Collaborate with the appropriate project teams to develop and maintain a technology plan that supports Kuali and project needs.
- Develop and communicate application/technology alignment plans to the Rice Board and all constituents in the Kuali projects.
- Develop and oversee the creation and evolution of a technology roadmap that defines current technical architectures, future architectures, and the evolution for transition for all Kuali projects.
- Assess and communicate risks associated with technology-related investments and purchases.
- Develop business case justifications and cost/benefit analyses for technology initiatives.
- Define requirements for new technology implementations and communicate them to key stakeholders.
- Define and communicate procedures, policies, and standards for Kuali for acquiring, implementing, and operating new technologies.
- Conduct research to remain up-to-date and knowledgeable in regards to industry trends and emerging technologies in anticipation of new business processes and system alterations.
- Analyze and improve upon technology standards across the Kuali organization to maintain a technological and competitive edge.
- Act as primary liaison for the Kuali Rice technology vision via regular written and in-

- person communications with the Kuali stakeholders.
- Creatively and independently provide resolution to technical problems in a cost-effective manner.
- Reach out beyond Kuali to other open source initiatives to create linkages that add value to the Kuali community and its constituents.
- Lead and participate actively in the requirements gathering phase of a project from the Service Oriented Modeling Approach (SOMA)
- During requirements and Design Phases, be able to analyze specific business requirements with a purely non-technical and abstract modeling approach

Qualifications

- Bachelors Degree in the field of computer science, business administration or other related field.
- Masters Degree is preferred.
- At least 5 years experience managing and/or directing technological operations.
- Experience in strategic technology planning, execution, and policy development.
- Excellent knowledge of technology environments and architecture.
- Solid understanding of computer systems characteristics, features, and integration capabilities.
- Extensive knowledge of technical architecture, hardware platforms, enterprise software applications, and middleware systems.
- Technical experience with systems networking, databases, Web development, and user support.
- Exposure to business theory, business processes, management, budgeting, and business office operations.
- Excellent understanding of project management principles.
- Proven experience in planning, organization, and development.
- Superior understanding of the Kuali organization's goals and objectives.
- Demonstrated ability to apply technology solutions to business problems.
- In-depth knowledge of applicable laws and regulations as they relate to technology issues.
- Knowledge and background of open source software projects.
- Demonstrated experience architecting large scale systems that have been successfully implemented
- The ability to easily convey complex ideas through interactive discussions, diagrams and presentations; the ability to document ideas, architectures, and designs.
- Understanding of the full Rice stack and some hands experience with it.
- Experience doing large scale software integration
- Experience and understanding of contract first design principles and service design goals
- Understanding of how Service Oriented Application design effects the planning, development and organization of projects.
- Clear understanding of the SOA construct and how Services are stable business artifacts versus technical implementations of SOA with Web Services
- Able to realize, design and communicate linkages between specific business requirements and Service Designs
- Familiarity with user experience architectures at the technology and user-interaction-model level.
- Familiarity with related open-source initiatives: Jasig (uPortal, CAS), Sakai.

Skills

- Proven leadership ability.
- Ability to set and manage priorities judiciously.
- Excellent written and oral communication skills.

- Excellent interpersonal skills.
- Strong tactical skills.
- Ability to articulate ideas to both technical and non-technical addressees.
- Exceptionally self-motivated and directed.
- Keen attention to detail.
- Superior analytical, evaluative, and problem-solving abilities.
- Exceptional service orientation.
- Ability to motivate in a team-oriented, collaborative environment.