

KB Machines US Holdings LLC d/b/a Kellenberger Systems seeks Global Senior Solution Architect at its facility located at 1755 Britannia Dr, Elgin, IL 60124.

JOB DESCRIPTION:

Create application designs (high-level/detailed) to support business processes, considering functionality, performance, scalability, security, and maintainability. Work with global stakeholders to understand requirements and translate to technical specifications. Document architecture, including decisions, components, interfaces, interactions, and maintenance tasks. Evaluate different technologies, frameworks, and tools to determine the best options for delivering functionality to the business. Design software applications to integrate with existing systems (E.g. ERP). Ensure seamless, controlled interoperability between databases, and/or third-party systems. Ensure applications adhere to security standards and compliance requirements. Design robust security mechanisms, such as authentication, authorization, encryption, and data privacy to protect sensitive information. Build, configure, and customize Power Apps canvas and model driven applications, leveraging the low code / no-code capabilities of the platform. Design user-interfaces, implement business process automation through workflows, approvals, notifications, and data validations. Test and debug applications. Establish and enforce coding standards and best practices to ensure consistency, supportability, scalability, and reusability of components. Promote the use of design/architectural principles that align with industry standards. Work with Corp. IT to adhere to the Systems Development Lifecycle for deployment of tested/approved software. Identify bottlenecks and propose solutions to optimize applications' performance, conduct performance testing, and provide recommendations for improving response times, resource utilization, and scalability. Evaluate architectural decisions, seek feedback on feature design, and incorporate lessons learned into future projects to continuously improve the software. Manage software development projects using Hardinge project management standards and develop project plans including work breakdown structure, timelines and resource requirements. Identify stakeholders and establish communication channels (e.g. steering committee meetings and status reporting), assemble, motivate, and lead cross-functional teams through assignment of tasks/deliverables and management of deadlines. Identify, interview, and build a team who will assist with building and maintaining developed business applications.

REQUIREMENTS:

This position requires a Bachelor's degree or foreign equivalent in Mechanical Engineering, Computer Science, Materials Science and Engineering, or a related field, plus 10 years of experience as a Project Engineer, Project Manager, or related occupation in the manufacturing or mechanical engineering industry. Additionally, the applicant must have employment experience with: (1) Utilizing SDLC for application architecture and development; (2) Working with Microsoft Power Suite, including PowerApps, Power Automate, SharePoint to collect data, create reports, and provide communication; (3) Utilizing SQL to batch process production data for database design and maintenance; (4) Working with ERP System design and data structure to create reports and dashboards; (5) Utilizing MS Project to create desktop applications, process daily production data, and create relative reports for project management; (6) Implementing process design concepts including Six-Sigma DMADV, Lean production to locate the problem, optimize workflow, and improve work efficiency; and (7) Utilizing C#, VB, asp.net, HTML, CSS, or js to create

highly customized web and desktop applications to assist daily operation, business visualization, data analysis, and process automation.

RATE OF PAY: \$153,317 per year

BENEFITS: Bonus target of 10% of the salary, based on company performance; company paid Group Life Insurance, Short and Long Term Disability, and 401(k) match up to 5%.