

We are about you™

3040 Airpark Drive South, Suite C
Flint, MI 48507
Tel: (810) 232-9797
Fax: (810) 232-9746
www.mca.net

We make your company more productive by applying: Lean Engineering, Manufacturing, and Service Processes

Making Productivity Visible to Everyone™

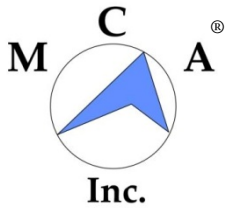
Software Architect

Job Summary: Develop, enhance, test, implement and maintain software applications for business processes to meet customer or employer needs. Will use a variety of computer programming languages and applications.

Extensive software design and development experience is required to create an effective overall design. The Software Architect must understand and explain how the design will map to an implementation. In order to do this, the Software Architect must have sufficient application development and design experience. Communication skills, both written and verbal, are vital to the job of a Software Architect. The Software Architect needs to stay abreast of new and evolving technologies as they relate to their area of expertise.

Key Responsibilities:

- Develop existing applications by analyzing and identifying areas for modification
- 'Bolting together' existing software products so that they work together and create code to link them
- Researching, designing, writing and testing new software programs
- Problem-solving and thinking laterally as part of a team, or individually, to meet the needs of the project
- Maintaining applications by monitoring, identifying and correcting software defects
- Database administration or maintenance
- Writing operational documentation and training guides on applications developed
- Creating technical specifications, testing and implementation plans
- Working closely with other staff to meet customer needs
- Consulting with clients / colleagues concerning the maintenance and performance of software application and asking questions to obtain information
- Develop Use Cases and various UML diagrams (e.g., Class Diagrams, Activity Diagrams, Sequence Diagrams, Communication Diagrams, State charts, etc.) that represent the behaviors and behavioral constraints of the software architecture.
- Verify Software Architecture and interface design
- Develop executable models of systems or subsystems.
- Perform model checking.
- Knowledge and experience related to the application of Service-Oriented Architecture (SOA) in development and integration of software systems



We are about you™

3040 Airpark Drive South, Suite C
Flint, MI 48507
Tel: (810) 232-9797
Fax: (810) 232-9746
www.mca.net

We make your company more productive by applying: Lean Engineering, Manufacturing, and Service Processes

Making Productivity Visible to Everyone™

Minimum Job Requirements:

- Masters Degree in Computer Science or related field
- Three year of “real world” and Project Life Cycle Experience
- Knowledgeable in several programs, such as: Networking basics, HTML, XML, SQL, VB/PHP command scripting, Excel and Access programming, Flash, C++, .Net, Javascript, ASP

Location: Flint, MI

Disclaimer: This job description is only a summary of the typical functions of the job, not an exhaustive or comprehensive list of all possible job responsibilities, tasks, and duties.