Employment Opportunity for:
Software Architect

Position Purpose

The software Architect will be responsible for designing, developing and implementing software solutions to address complex business issues, and providing technical leadership within the development department. The architect will thrive in a highly collaborative workplace and actively engage in the development process.

Essential Functions and Basic Duties

- Design, develop and execute software solutions to address business issues
- Provide architectural blueprints and technical leadership to the MiHIN development team
- Evaluate and recommend tools, technologies and processes to ensure the highest quality product platform
- Collaborate with peer organizations and end users to produce cutting-edge software solutions
- Ability to interpret high level business requirements and articulate the business needs to be addressed
- Knowledge and skillset to troubleshoot code level problems quickly and efficiently
- Communicates information personally or through written documentation and presentations
- Regularly participates in development design, coding, and vendor reviews
- Ability to learn new technologies and integrate industry best practices
- Break down complex requirements into attainable feature functionality sets
- Able to read, understand and implement standards such as HTTP, FHIR, REST/Restful, HL7, CCDA, and QRDA
- Represent MiHIN in Connect-a-thons, open source projects and other public facing activities
- Translates user and architectural requirements into secure, well-tested implementations
- Utilizes cloud infrastructure to create interactive prototypes and mockups that leverages production code, visual design, interface, and navigational structure
- Uses a lean, simplified agile approach to code development and design
- Validates information delivery by developing and completing usability, unit, system, end-to-end, and load test plans, as well as working directly with customer representatives evaluating usage patterns
- Enhances organization reputation by accepting ownership for accomplishing new and different requests and exploring opportunities to add value to job accomplishments

Required Qualifications

- 7 + years working in a professional software development organization with a focus on healthcare as a technical lead/senior software developer
- Java and/or C++ experience (Java Preferred)
- Web services/application experience
- Strong understanding of distributed systems
- Understanding of Service Oriented Architecture (SOA)
- Strong understanding of implementing web services and REST/Restful API architectural style
- Information Health Exchange message handling experience (HL7 RIM v2/3, DICOM, NCPDP, and X12)
- Knowledge and experience working with FHIR
- Experience with API Security & Federated Identity Technology such as OAUTH 2.0, Open ID Connect, UMA and SAML 2.0
- Database design experience
- Cloud experience (e.g. Salesforce.com, Amazon Web Services, Azure)
- Object-Oriented Programming language experience (Salesforce Apex is a plus)
- Problem solving skills
- Self-motivated with strong initiative to succeed
- Strong verbal and written communication skills

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Desired Qualifications
- Prior experience with large scale information technology projects
- Previous experience with high tech, public sector, and/or healthcare industries
- Fun to work with and patient

Position Reports to: Director of Software Development
Supervisory Role: May lead and direct the work of interns
Job Location: East Lansing, MI (Remote Work Possible)

What is MiHIN?
The Michigan Health Information Network Shared Services (MiHIN) is Michigan's state-designated entity to improve health care quality, efficiency, and patient safety by sharing electronic health information statewide, helping reduce costs for patients, providers, and payers. MiHIN is a non-profit, public-private collaboration that includes stakeholders from the State of Michigan, Health Information Exchanges that serve Michigan, health systems and providers, health plans/payers, pharmacies, and the Governor's Health Information Technology Commission.
Our Culture:
MiHIN provides a stimulating, high-energy environment for a wide variety of talented people who are making a positive improvement in health care. We're working to build a healthier future for the state of Michigan, and we are always

looking for motivated, bright, efficient professionals and interns to help advance our goals for sharing health information in ways that reduce costs and improve outcomes.

Our Benefits:

MiHIN's health benefits are incredibly generous and really quite rare in today's job market. At this time our employees realize little-to-no out-of-pocket expenses for excellent coverage. MiHIN covers 100% of the cost of premiums so there are no deductions from paychecks for insurance. MiHIN also creates and contributes to a Health Savings Account, known as an HSA, to cover the amount of the annual deductible. That means MiHIN currently covers the cost of premiums and the cost of deductibles, to minimize or completely eliminate employee out-of- pocket expenses.

Application Instructions

■   Please email cover letter, resume, and three full references to jobs@mihin.org for consideration

Employment Opportunity for: Software Developer

■   Review will begin immediately as qualified candidate applications are received and will continue until the position is filled

Notice

MiHIN does not discriminate in employment against persons based on age, color, disability, gender, gender identity/gender expression, genetic information, familial status, height, marital status, national origin, political persuasion, race, religion, sex, sexual orientation, veteran status, or weight. Applicants must be legally permitted to work in the United States and have the ability to pass a background and history check in keeping with federal and state regulations.