



Software Developer

Position: Software Developer
Business Area: HSX Information Technology
Reports To: Chief Technology Officer
Classification: Full Time, Exempt
Approval Date: October 31, 2019

Position Summary

As a member of the HealthShare Exchange (HSX) Engineering Team, the Software Developer will work on new products as well as on implementing other software-related projects relevant to all services and business areas of HSX.

Responsibilities

- Manage and deploy key pieces of HSX infrastructure in Amazon Web Services using an Infrastructure-as-Code approach.
- Develop and refine HSX's Marketplace – “MarketStreet” Application Programming Interfaces (APIs) and accompanying tests.
- Design and develop innovative software solutions that solve tough challenges for HSX through automation and improved efficiency.
- Manage multiple job duties through efficient task management.
- Communicate effectively with business partners and clients when needed.

Additional Responsibilities

- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; benchmarking state-of-the-art practices; participating in professional societies.
- Recommends information technology strategies, policies, and procedures by evaluating organization outcomes; identifying problems; evaluating trends; anticipating requirements.

Qualifications

Required

- Bachelor's degree in computer science, engineering or related field, or equivalent combination of education and experience.
- Three (3) or more years of experience in software development. If less than two (2) years of experience, then relevant technical abilities using the preferred technologies listed would be acceptable
- Experience with Cloud Computing providers (AWS Preferred)
- Experience with scripting and or Object-Oriented languages: JavaScript (Node.js), Python, and Java preferred
- Experience in a healthcare or healthcare support industry is strongly desired
- Experience with using one or more relational and non-relational databases (Postgres, MySQL, MongoDB, Elasticsearch, DynamoDB, Redis, etc.)
- Ability to translate requests and questions into executable code, customize queries or code as needed to adjust for data quality and other known issues within databases
- Experience writing unit and integration tests

Additional/ Optional

- Knowledge of HIE services and Health Information Technology (HIT) and networking.
- Experience developing healthcare integration applications using any standardized interface engine with Mirth Connect preferred or equivalent: Cloverleaf or Rhapsody as an example
- Experience with working with large and complex data sets, healthcare data and database structures, and data modeling and report generation
- Experience with NextGen (Mirth) Connect, NextGen (Mirth) Results, NextGen (Mirth) Match, and NextGen (Mirth) Mail or similar HIE technologies
- Experience with modern frontend frameworks (e.g. React)
- Experience with Continuous Integration/Continuous Delivery (CI/CD) approaches
- Experience with serverless development/deployment paradigms
- Experience implementing or working with monitoring/alerting of distributed systems
- Experience with containers/Docker.