



## Axolotl Employment

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### Senior Software Engineer

**Department:** Research and Development

**Reports To:** Manager, Technology, Research and Development

#### Description

Create and improve software products and services which provide our customers with greater productivity, efficiency, and clinical efficacy. Participate as an individual contributor on teams that carry out the full lifecycle of software development activities. Play a leading role in setting the architecture and design for our products.

#### Responsibilities

- Analyze and define customer requirements.
- Design and develop software that meets customer requirements, is reliable, and follows corporate standards.
- Assist in defining product technical architecture.
- Document designs for coding by other developers.
- Make accurate development effort estimates to assist management in project and resource planning.
- Participate in peer reviews for designs, code, and other work products.
- Perform software quality assurance, including all types of testing.
- Write technical documentation and assist Technical Writers with creating end-user documentation.
- Advise Customer Service Engineers on planning software installations and upgrades.
- Keep skills up to date through ongoing self-directed training.
- Advise management on how products and processes could be improved.
- Train and mentor other Software Engineers and Customer Service Engineers on technical topics.
- Participate in healthcare informatics industry standards organizations.

#### Requirements

- Minimum two years commercial development experience.
- Ability to work effectively both independently and as part of a team.
- Thorough understanding of software development processes and industry best practices.
- Thorough understanding of fundamental software engineering and computer science principles: object-oriented design, structured design, databases, algorithms, data structures, usability, refactoring, debugging, and configuration management.
- Thorough understanding of service-oriented architecture (SOA) concepts.
- A disciplined, engineering-oriented mindset.
- Good verbal and written communication skills.
- Strong technical and platform knowledge, including some or all of: Java/J2EE/JSF, IBM WebSphere Application Server, IBM Lotus Notes/Domino, IBM DB2, XML, HTML, CSS, JavaScript, AJAX, Microsoft Windows, TCP/IP, HTTP, SOAP, HL7, LDAP.
- Formal training and/or certification in any of the above-mentioned tools and technologies a plus.
- Bachelor's degree in a technical field, or equivalent experience.
- Advanced degree in a technical field a plus.
- Healthcare industry experience a plus.

#### How to Apply

If you are interested in this position, please contact Human Resources: [employment@axolotl.com](mailto:employment@axolotl.com) or fax your resume to (800) 596-9458.

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