

Title: Software Developer
Department: Information Technology
Reports to: Lead Developer/IT Director
Status: Full-time

Job Summary

The Software Developer's role is to design, code, test, and analyze software programs and applications. This includes researching, designing, documenting, and modifying software specifications throughout the production lifecycle. The Software Developer will also analyze and amend software errors in a timely and accurate fashion and provide status reports where required.

The Software Developer will have a primary assignment to the application or web development team and report to the team lead for project assignments and technical oversight, however team members report directly to the IT Director for all other purposes.

Responsibilities

Strategy & Planning

- Assist other developers, analysts, and designers in conceptualizing and developing new software programs and applications.
- Plan phases of the software development life cycle (SDLC) for a variety of projects.
- Assist in the preparation and documentation of software requirements and specifications.
- Work with End users and stakeholders to develop requirements
- Participate in Continuous improvement, Cross Training and Mentoring efforts

Acquisition & Deployment

- Conduct research on emerging application development software products, languages, and standards in support of procurement and development efforts.
- Recommend, schedule, and perform software improvements and upgrades.

Operational Management

- Consistently write, translate, and code software programs and applications according to specifications.
- Ensure that applications conform to all applicable policies, procedures and standards.
- Ensure security of all applications and/or websites.
- Run and monitor software performance tests on new and existing programs for the purposes of correcting errors, isolating areas for improvement, and general debugging.
- Administer critical analysis of test results and deliver solutions to problem areas.
- Generate statistics and prepare and write reports for management and/or team members on the status of the programming process.
- Assist in the development and maintenance of user manuals and guidelines.
- Install software products for end users as required.
- Liaise with network administrators, systems analysts, and software engineers to assist in resolving problems with software products or company software systems.
- Perform other duties as requested by manager.

Position Requirements:**Formal Education & Certification**

- College diploma or university degree in the field of computer science or software engineering, and/or 5 years equivalent work experience.

Knowledge & Experience

- Proficient in building APIs and websites in C#, VB.NET and ASP.NET
- Proficient in building Front end applications in ReactJS and Redux.
- Extensive working knowledge of and ability to debug Windows hosting issues in IIS
- Hands on experience working in integrated development environments, including Microsoft Visual Studio and WebStorm.
- Experience setting up CI/CD processes and managing deployments across a multitude of environments
- Extensive experience with Microsoft operating systems.
- Extensive experience with Microsoft SQL Server databases.
- Experience designing highly usable user interfaces.
- Hands-on software troubleshooting experience.
- Familiarity with Agile software development methodologies.
- Knowledge of applicable data privacy practices and laws.
- Familiarity with the healthcare sector.

Personal Attributes

- Flexible and adaptable in regard to learning and understanding new technologies.
- Strong written and oral communication skills.
- Strong interpersonal skills.
- Ability to conduct research into software-related issues and products.
- Highly logical.
- Technically proficient.
- Highly self-motivated and directed.
- Keen attention to detail.
- Proven analytical and problem-solving abilities.
- Ability to effectively prioritize and execute tasks in a high-pressure environment.
- Ability to work both independently and in a team-oriented, collaborative environment.

Work Conditions

- 40-hour on-site work week.
- Overtime hours may be required to meet project deadlines.
- Sitting for extended periods of time.

Date last updated: _____