

**JOB TITLE: IT Programmer**

For nearly 50 years, Aqua-Aerobic Systems has provided thousands of customers with adaptive treatment solutions in biological processes and filtration for both water and wastewater applications. Our knowledge and expertise in applied engineering and manufacturing allows us to provide highly efficient and cost effective technologies that require less energy, less maintenance and provide a low cost of ownership over the life of the plant.

As a leader in the water and wastewater treatment industry, we are growing and have a number of exciting positions available right now, including an **IT Programmer**, located in Loves Park, IL.

**JOB SUMMARY**

Reporting to the IT Manager, the IT Programmer will analyze business systems and design databases and programs for computer applications. In addition, the Programmer will code, test, and debug databases/programs based upon user specifications, while developing and maintaining reports according to user requests and specifications.

Aqua is seeking dedicated, hardworking individuals who assume full ownership of their tasks and deliverables. Our organization values commitment to excellence, customer service, strong work ethic, and willingness to support team members as required for the overall success of the business.

**JOB RESPONSIBILITIES**

1. Analyze business systems and design databases/programs for computer applications. Code, test and debug databases/programs based upon user specifications. Prepare necessary testing environments and test data for testing programming logic and for obtaining final user acceptance and approvals prior to implementation.
2. Develop and maintain reports according to user requests and specifications.
3. Create and maintain necessary development documentation which includes (but may not be limited to) system diagrams/flowcharts, user specification requirements, programming logic documentation, data dictionaries and testing procedures with results.
4. Perform implementation and end-user usage training for databases/programs developed by internal programming staff.
5. Participate in the definition and maintenance of standards for database and programming development, change control, backup routines, and system and programming documentation.
6. Obtain continuous education in latest programming/database tools.

**MINIMUM REQUIREMENTS**

1. Must have an Associate's degree in technical or related field plus a minimum of 2 years of related training and experience or any equivalent combination of training and experience.
2. Knowledge of principles, practices, and techniques of computer programming and systems analysis; of mathematics; of computer operations procedures and systems; and of, computer programming languages, including applied knowledge of Microsoft Office products, VB.NET, SQL, and Crystal Reports.

3. Ability to process information logically; to design programs and systems, logic; to prepare program specifications; to code, test and debug computer programs; to interpret technical information relating to computer programming and other areas of data processing; to perform mathematical calculations; and to communicate effectively with technical and non-technical individuals.

The above description reflects the details considered necessary to describe the principal functions of the job and should not be construed as a detailed description of all the work requirements and expectations that may be performed in the job.

EOE/Minorities/Females/Veterans/Disabled. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.