

## **Chicago Teachers' Pension Fund Job Description**

**Job Title:** Senior Application Developer/Analyst

**Department:** IT

**Reports To:** IT Manager

**Job Grade Level:** 14

**Salary Range:** 82K – 118K

**FLSA Status:** Non-Management Exempt

**Prepared By:** Eric Morel

**Prepared Date:** January 26<sup>th</sup>, 2012

### **SUMMARY**

Take a leadership role on the application development team charged with maintaining and enhancing CTPF's pension administration system, Pension Gold, using a legacy Delphi 5 IDE with Ruby on Rails web extensions. Leverage experience to help shape the direction of our application development program. Additional responsibilities may include web application development, report development, data analysis, application testing, and design documentation. Must have the aptitude to interpret legacy code and convey important findings and concepts to the development team and management.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following:

Acquire and maintain a detailed knowledge of Pension Gold and other CTPF applications as well as an understanding of the core business functions and requirements of each CTPF department

Enhance and maintain systems applications using Delphi 5, Ruby on Rails, PERL, and VB.net based on end user requests and design specifications

Analyze and troubleshoot user reported issues with application functionality

Evaluate and recommend improvements in legacy source code structure and design with respect to performance and maintenance efficiency

Identify and correct programming bugs, perform peer review of source code modifications

Create reports, automated correspondence and data extracts using SQL server data queries

Perform unit and system testing

Work directly with end users to discuss project requirements and interpret testing feedback

Develop detailed design documents based on business requirements and user input

Maintain issue tracking system (Bugzilla) and software change management system (Star Team)

Maintain status reporting for users, IT, and management

## **SUPERVISORY RESPONSIBILITIES**

None

## **QUALIFICATIONS**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

## **EDUCATION and/or EXPERIENCE**

Bachelor's degree from a four-year college or university in business or information systems.

Minimum five years closely related programming experience.

Experience with SQL and Microsoft SQL Server required.

Experience in Delphi, specifically Delphi 5 will be strongly considered.

Experience with Ruby on Rails will be strongly considered.

Experience with pension administration systems development considered a plus.

Experience with Microsoft SharePoint, Bugzilla, Micro Focus StarTeam, VB.net, Perl, Ruby, and PHP considered a plus.

## **SKILLS**

Excellent application programming ability

Excellent written and communication skills

Excellent organizational skills

Microsoft SQL Server

Microsoft Word

Microsoft Excel

Microsoft SharePoint

Microsoft Visual Basic and/or Delphi (they are similar)

Web development technologies (Perl, PHP, Ruby on Rails)