CAREER OPPORTUNITY

UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF MICHIGAN

Position:	Programmer Analyst
Vacancy #:	2022-32
Classification:	CL 28
Salary Range:	$69,836 to $87,327/ Earning Potential $113,564
Duty Station:	Detroit, MI Status: Full-time permanent
Open to:	All qualified candidates Number of Positions: 1

POSITION OVERVIEW

This position is located in the Information Technology (IT) Department and serves each unit of the Court. The employee develops applications for managing local data systems, web sites, custom interfaces for national systems, analyze manual processes in the Court family and propose IT solutions. The employee is a member of a group of IT support personnel and reports directly to the IT Manager. Duties require occasionally working during non-business hours. On occasion physical effort may be involved in moving, connecting or troubleshooting equipment. Travel is required within the district and, for specific occasions, outside the district.

Duties include, but are not limited to the following:

- Utilizes current technology in JavaScript, SharePoint, Visual Studio, VBScript, and SQL
- Server to enhance the efficiency and effectiveness of local and nationally developed systems and the Court's internet and intranet sites.
- Develops scripts and shells to make effective use of information in existing systems databases.
- Assists in the installation of new or revised releases of national software.
- Monitors day-to-day operations of the locally and nationally supported programs and applications.
- Acts as the technical expert in solving computer application problems and assists the group with backup and recovery of applications as necessary.
- Prepares and maintains user manuals, user and technical documentation for locally developed software used at the Court.
- Maintains a continuous improvement dialogue with IT personnel from other locations for the purpose of staying informed about new developments, techniques, and programs that might enhance the IT of the Eastern District of Michigan.
- Provides follow-up maintenance and support for existing applications in use within the
- Court system.
- Supports the conversion of existing local applications from older technologies and non-supported technologies using a defined project plan.
- Evaluates established Court processes and makes recommendations for automating processes.
- Develops interfaces to existing databases and proposes new database designs including the design of the tree structure to multiple web sites and/or pages.
- Utilizes graphic software, multimedia techniques and other tools to redesign information into a more cognitive form for web presentation.
- Assists IT staff and unit managers with the creation of one-time and recurring reports.
- Performs other duties as assigned

QUALIFICATIONS

Qualifications must be met at the time of the application.

Required:

High school graduation or equivalent with a minimum of three years of specialized experience related to the technical aspects of application development, web development and System Life Cycle development methodologies. Accomplishment of computer project assignments that involved system analysis, design, programming, implementation and integration.

Preferred:

General Skills
- SharePoint Development – using Power Automate/Flows
- SharePoint Development – Building SPFx Web Parts
  - Working knowledge of Typescript
  - More than cursory knowledge of JavaScript and experience with web services, SQL server administration, SharePoint, assorted libraries (e.g.,jQuery)
  - Able to use GIT as a repository & versioning system
  - Knowledgeable at incorporating various packages as available from PnP Client Side Web Parts
  - Using the modern build process for development and a degree in Computer deployment, although not necessarily to the point of CI/CD
- SQL Skills
  - Working knowledge of SQL Server setup, permissions
  - Simple and complex query coding skills
  - MySQL familiarity (e.g., JICS)
  - Working with various workbenches for direct queries (e.g., Eclipse, dBeaver)
- Microsoft 365 Skills
  - Familiar with all of office suite basics
  - Capable of assessing viability of various Apps (e.g., forms, Planner, Lists) as a means to solve simple to complex projects in a lo/no-code approach
  - Experience at leveraging interoperability of various apps (e.g., SharePoint/teams)
  - Knowledgeable with setting authentication and restricting access or actions on a user/group level
- Additional Skills
  - Familiar with ColdFusion (either tag or script based) would be beneficial
  - Comfortable working with various security methods (certificate based, 2FA, Active Directory)
  - Exposure to multiple other languages (e.g., Visual Basic, C Sharp, php)

APPLICATION PROCEDURE

Applicants must submit a **single PDF document** to apply@MIED.uscourts.gov with:

- Cover letter (include vacancy number)
- Resume
- Completed application Form AO-78

Application materials that do not adhere to this procedure may not be considered. Applicant materials submitted in addition to the required documents will not be considered or retained. Separate applications must be made to individual vacancy announcements. Only candidates selected for interview will be contacted. Travel reimbursement in connection with the selection process and/or relocation is not authorized.

BENEFITS

Local (when/where available): Federal Court employees receive local benefits outlined here.
National: Federal Court employees receive national benefits outlined here.