

Job Title: TECHNICAL MANAGER V - LEAD SOLUTION ARCHITECT - IPR#45764

Agency : Department of Transportation

Closing Date/Time: 05/30/2023

Salary: \$6,145 - \$10,210 Monthly

Job Type: Salaried Full Time

County: Sangamon

Number of Vacancies: 1

Plan/BU: NR916 - Protech Teamsters

This position is a union position; therefore, provisions of the relevant collective bargaining agreement/labor contract apply to the filling of this position.

All applicants who want to be considered for this position MUST apply electronically through the illinois.jobs2web.com website. State of Illinois employees should click the link near the top left to apply through the **SuccessFactors employee career portal.**

Applications submitted via email or any paper manner (mail, fax, hand delivery) will not be considered.

Agency Mission Statement

The Illinois Department of Transportation is seeking to hire a Lead Solution Architect.

The IDOT team works diligently to provide safe, cost-effective transportation for Illinois in ways that enhance quality of life, promote economic prosperity and protect our environment. We are problem solvers and leaders, constantly searching for innovations and improvements in support of our commitment to providing the best multimodal transportation system for Illinois.

Our team fosters a culture of inclusivity. We value diversity and hold ourselves to the highest ethical standards as we work together for a common purpose. Team members frequently collaborate with colleagues and others outside the department to best meet customer needs.

The department offers extensive training and career advancement opportunities. Employees also receive a robust benefit package including:

- Monday-Friday work schedule
- Flexible work schedules are available in many program areas.
- Health, Life, Vision, and Dental Insurance
- Pension Plan
- (10) Weeks paid Maternity/Paternity Leave
- Deferred Compensation Program and other pre-tax benefit programs (Medical/Daycare)
- Employees earn (12) paid Sick Days annually.
- New Employees earn (10) paid Vacation Days their first year of service and can earn up to (25) paid Vacation Days annually.
- Employees earn (3) paid Personal Days annually.
- (13-14) paid holidays annually (based on start date)

- Tuition Reimbursement

We invite qualified applicants to apply to become part of our team. We are confident that you will take pride in serving Illinois and its residents and visitors.

Job Responsibilities

This position is accountable for developing and enhancing the department's intranet portal and content management system which is currently Microsoft SharePoint (SharePoint). This includes the development of system architecture, design, and solution implementation for SharePoint system environments in support of the department's business initiatives.

Technology user-base supported: 5,000 +/-
Intranet applications supported: 10 +/-

This position reports to the Chief Technology Officer. There are no subordinates reporting to this position.

This position is responsible for leading initiatives for the infrastructure of the departments' content management system and effectively interacting with all functional areas of the department, that require the utilization of SharePoint and other Microsoft technologies. The incumbent operates in an environment that demands innovative, efficient, dependable, and secure technology resources and is under constant pressure to meet deadlines without sacrificing any of the foregoing requirements. This position develops and utilizes SharePoint and other Microsoft technology resources to facilitate the strategic information technology (IT) objectives of the department in an efficient and cost-effective manner. The incumbent implements solutions in current and future SharePoint environments, SharePoint Online, and Microsoft Dynamics 365. S/He has an in-depth working knowledge of and implements solutions in PowerApps, MS Automate, PowerShell, Power BI, Azure, Logic Apps, SPFx, and custom connectors development. This position continuously works to enhance his/her knowledge of technological advances in SharePoint and other Microsoft technologies and practices within the rapidly changing IT industry.

Typical problems of this position include designing, developing, and implementing systems that maximize the department's utilization of resources to assure timely and effective completion of objectives. To meet this challenge, the incumbent must combine the complex and dynamic requirements of the department with state-of-the-art technology and computer systems. The greatest challenge of this position is using existing technology resources and developing new technology applications to effectively address user demands while focusing on department priorities and goals and utilizing the available resources to their maximum potential.

(Job Responsibilities continued)

The incumbent is personally responsible for tailoring business solutions in the department's web-based collaborative platform by leveraging the latest Microsoft technologies and best practices to include the Microsoft O365 platform. In addition, s/he is responsible for collaborating with lead test and quality assurance teams during the development and implementation of enterprise solutions. To perform these responsibilities the incumbent utilizes deployment of packages for SharePoint On-premise and SharePoint Online as well as Microsoft .NET Framework architectural models. S/He also utilizes SharePoint versions 2010, 2016, and 2019; Power Platform Solutions; Microsoft Dynamics 365; and Microsoft Identity and Asset Management (IAM) technologies and protocols. This position is responsible for integrating business intelligence (BI) technologies with SharePoint including Power BI, dashboards, Key Performance Indicators (KPIs), and Excel Services. S/He is instrumental in implementing all phases of the software development lifecycle (SDLC) and is familiar with different delivery models such as DevOps, Agile, and Waterfall in order to accomplish this.

The incumbent has a great deal of latitude in solving technical problems within the guidelines established by the department. Matters that affect the Technology Research and Development Section such as user budgets, time constraints, or affected user standards and procedures are referred to the Chief Technology Officer for resolution. This position is constrained by departmental policies and regulations.

Internal contacts are with all areas of the department as needed for the development of IT solutions. External contacts are with other technical specialists who have similar functions at other state, local, and federal agencies or with vendors of SharePoint or other Microsoft technology-based products and services. This position requires occasional statewide travel which may include overnight stays to attend meetings and/or training classes.

The effectiveness of this position can best be measured by the incumbent's commitment to the standardization, innovation, timeliness, and effectiveness of technology initiatives and assurance that best business practices are observed by all available support resources for the department.

Principal Accountabilities

1. Develops and enhances the department's content management system to include the development of system architecture, design, and solution implementation for the current SharePoint system environments.
2. Collaborates with lead test and quality assurance teams during the development and implementation of enterprise solutions and integrates BI technologies with the department's content management system including Power BI, dashboards, KPIs, and Excel Services.
3. Implements solutions in both current and future content management system environments and directly supports the Microsoft 365 platform while committing to the standardization, innovation, timeliness, and effectiveness of departmental technology initiatives.
4. Designs, develops, and implements systems that maximize the department's utilization of resources to assure timely and effective completion of departmental objectives.
5. Utilizes the department's content management and storage system including SharePoint and Microsoft technology resources to facilitate the strategic IT objectives of the department in an efficient and cost-effective manner.
6. Uses existing technology resources and develops new technology applications to effectively address user demands while focusing on departmental priorities and goals and utilizing the available resources to their maximum potential.
7. Implements all phases of the SDLC and is familiar with different delivery models such as DevOps, Agile, and Waterfall.
8. Deploys packages for the department's content management system including SharePoint On-premise and SharePoint Online and develops Microsoft .NET Framework architectural models.
9. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
10. Performs other duties as assigned.

Qualifications

Position Requirements

- Education/Experience:
 - Completion of a bachelor's degree majoring in computer information systems, computer networking, database management, or business plus three years of experience with development of system architecture, design, and solution implementation for content management and repository environments, OR
 - Eleven years of experience with development of system architecture, design, and solution implementation for content management and repository environments
- Occasional statewide travel which may include overnight stays
- Valid driver's license

Position Desirables

- Experience with analyzing client needs to deliver solutions, technology architecture design, and support of other IT functions
- Experience building technical solutions and team mentoring
- Experience with IT service business and architecture disciplines in the SharePoint and other Microsoft technology spaces and integrating BI

technologies with SharePoint

- Experience with Web Content Management design, search configuration, and customization and optimization of computer systems
- Experience with providing end to end business solutions and adaptability to changing requirements, schedules, and priorities
- Experience with industry standards and frameworks and third-party tools
- Experience and working knowledge of SharePoint Migrations to cloud or SharePoint On-premises software and leveraging migration tools
- Working knowledge of infrastructure and application security technologies and approaches
- Detail-oriented with strong organizational skills and ability to work in a fast-paced environment
- Ability to communicate effectively both verbally and in writing

Work Hours: 8:00 am - 4:30 pm Monday-Friday

Work Location: 2300 S Dirksen Pkwy Springfield, IL 62764-0001

Office: Office of Finance and Administration/Bureau of Information Processing

Agency Contact: DOT.CONTACTHR@ILLINOIS.GOV

Job Family: Transportation; Science, Technology, Engineering & Mathematics

APPLICATION INSTRUCTIONS

Use the “Apply” button at the top right or bottom right of this posting to begin the application process.

If you are not already signed in, you will be prompted to do so.

State employees should sign in to the career portal for State of Illinois employees – a link is available at the top left of the Illinois.jobs2web.com homepage in the blue ribbon.

Non-State employees should log in on the using the “View Profile” link in the top right of the Illinois.jobs2web.com homepage in the blue ribbon. If you have never before signed in, you will be prompted to create an account.

If you have questions about how to apply, please see the following resources:

State employees: Log in to the career portal for State employees and review the [Internal Candidate Application Job Aid](#)

Non-State employees: on Illinois.jobs2web.com – click “Application Procedures” in the footer of every page of the website.

The main form of communication will be through email. Please check your “junk mail”, “spam”, or “other” folder for communication(s) regarding any submitted application(s). You may receive emails from the following addresses:

- donotreply@SIL-P1.ns2cloud.com
- systems@SIL-P1.ns2cloud.com