

Job Title: TECHNICAL MANAGER VI - CHIEF TECHNOLOGY OFFICER - IPR#45749

Agency : Department of Transportation

Closing Date/Time: 06/30/2022

Salary: \$6,670 - \$11,020 Monthly

Job Type: Salaried Full Time

County: Sangamon

Number of Vacancies: 1

Plan/BU: NR916 - Protech Teamsters

***This position is covered by the Revolving Door Prohibition Policy.**

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 Chief Technology Officer.

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.

Employees enjoy excellent benefits, including health, vision and dental insurance; a retirement plan and deferred compensation options; state holidays and other time off; tuition reimbursement; flexible schedules; and pre-tax benefit programs. The department also offers extensive training and career advancement opportunities.

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 directing and coordinating activities of staff in the Technology Research and Development Section of the Bureau of Information Processing (BIP), which is responsible for the development and support of department-wide technology applications. This is accomplished through directing project teams comprised of highly trained information technology (IT) specialists whose goal is to provide systems that support department IT needs. This position is accountable for leading complex IT projects to ensure that projects adhere to the department's enterprise architecture standards and remain within the scope, schedule, and budget. The incumbent is responsible for staying informed on Microsoft.Net application development tools, technologies, and best practices.

Number of users impacted: 5,400 +/-

Annual technology development budget: \$6 - 8 million

This position reports to the Bureau Chief of Information Processing. Reporting to this position are the Lead Solution Architect, Lead Data Warehouse Developer, Enterprise Application Development Manager, Distributed Systems Manager, Customer Service Manager, and Office Coordinator.

This position functions in an environment where s/he is responsible for managing the work activities necessary for the development and ongoing support of department-wide IT systems to ensure reliability, availability, security, and recoverability. Because of the senior nature of this position the incumbent has an intimate understanding and deep knowledge of software development methodologies, tools, technologies, and practices. This position provides oversight of consultant and in-house developers on IT project development. The incumbent is a reference resource and continually researches evolving software and IT industry trends.

Typical problems encountered in this position include identifying, assessing, and implementing rapidly changing information technologies in alignment with agency business needs as well as dealing with complex issues related to development and ongoing support of application systems. The greatest challenge of this position is providing internal and external users with enterprise web-based applications and systems.

The incumbent is responsible for directing departmental application and software development. Within budget and manpower considerations, this position ensures that IT solutions support agency goals and objectives. S/He continually assesses and reviews existing technical architectures to validate and propose opportunities for improvements. This position reviews project and software requirements and definitions, investigates studies and proposals, and makes recommendations for the appropriate course of action. The incumbent occasionally provides support outside of normal working hours when necessary to meet operational requirements of the department.

(Job Responsibilities continued)

The incumbent accomplishes responsibilities through the following staff:

Lead Solution Architect, who 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.

Lead Data Warehouse Developer, who is responsible for the creation, design, development, and implementation of departmental business intelligence (BI) and data warehousing solutions. The incumbent utilizes BI best practices, relational structures, dimensional data modeling, structured query language (SQL) skills, and data warehouse and reporting techniques to support the agency's business initiatives.

Enterprise Application Development Manager, who acts as the functional manager for mainframe support personnel who perform highly technical analysis, development, support, enhancement, and documentation of data warehouse applications and legacy applications developed in a mainframe environment. S/He provides ongoing maintenance and support of production SQL Reporting, Integration Services, Microsoft Analysis Services, and System Language (SL) department-wide systems used in enterprise operations.

Distributed Systems Manager, who acts as the functional manager for developers and analysts who develop and maintain web-based enterprise technology applications hosted on the distributed platforms. These applications utilize Microsoft .Net development and Microsoft SQL Server technologies.

Customer Service Manager, who acts as the functional manager for business analysts and web support staff whose primary responsibilities are to provide customer service and communication to both BIP and agency staff. This includes program management and business analyst support, process review and improvements, and website maintenance and support.

Office Coordinator, who performs difficult and complex clerical functions for the BIP. S/He types reports, letters, statistical tables, technical data processing information, and memoranda which frequently require dependable and quick response times.

(Job Responsibilities continued)

The incumbent has wide latitude in accomplishing responsibilities. S/He is given occasional direction by the Bureau Chief of Information Processing for development of procedural requirements. Matters of a unique nature are referred to the Bureau Chief of Information Processing with recommendations for resolution. This position is constrained by departmental rules and regulations as well as applicable state and federal guidelines.

The incumbent maintains internal contact with technology users and management staff at all levels within the department. Outside contacts are with technology vendors, technical and service representatives, vendor management, and consultant service providers as well as Department of Innovation and Technology (DoIT) technical staff and management. This position requires occasional in state and out of state travel which may include overnight stays in order to attend training.

The effectiveness of this position is measured by the incumbent's ability to oversee the delivery of effective IT systems as well as the maintenance of existing technologies. His/her effectiveness can also be measured by the incumbent's ability to keep abreast of technological advances that can deliver new capabilities or innovations to the department. Additionally, his/her effectiveness in this position is also measured by their ability to demonstrate commitment to the department's core values and exhibit a balanced mix of strategic thinking, relentless execution, and strong operational performance.

Principal Accountabilities

1. Directs and coordinates the development and implementation of the department's software and Technology solutions.
2. Ensures that IT solutions support agency goals and objectives within budget and manpower considerations.
3. Develops, plans, and researches new technologies and practices to determine feasibility and applicability for implementation.
4. Directs the investigation, analysis, design, and implementation of information systems.
5. Develops and maintains departmental software development architectures, policies, and practices.
6. Performs process audits to determine adherence to existing procedures and operations to ensure maximum efficiency.
7. Directs, schedules, evaluates, and develops a highly effective staff.
8. Develops effective working relationships with high-level managers to establish information technology needs as well as analyzes and recommends cost-effective solutions to provide timely information for improved decision making.
9. Provides support outside of normal working hours when necessary to meet operational requirements of the department.
10. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
11. Performs other duties as assigned.

Qualifications

Position Requirements

- Education/Experience:
 - Completion of a bachelor's degree majoring in computer science, computer information systems, or management information systems, plus four years of experience in the IT arena performing information systems management and strategic planning and software engineering, OR
 - Twelve years of experience in the IT arena performing information systems management and strategic planning and software engineering
- Two years of supervisory experience

- Ability to occasionally work outside of normal working hours to provide support when necessary to meet operational requirements of the department
- Valid driver's license
- Occasional statewide travel which may include overnight stays for the purpose of training

Position Desirables

- Ability to direct project teams comprised of highly trained specialists whose goal is to provide systems that support department information technology needs
- Ability to lead complex information technology projects ensuring that projects adhere to established enterprise architectures and development practices
- Extensive knowledge of common software development methodologies and lifecycles including Agile
- Ability to effectively communicate complex IT solutions to department managers with non-IT administrative staff
- Ability to maintain professional working relationships

Work Hours: 8:00 A.M. - 4:30 P.M. Monday-Friday

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

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

Agency Contact: DOT.CO.BPM.EmploymentApplications@Illinois.gov

Job Family: Transportation; Technology

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