

POSITION DESCRIPTION

This position description serves as the official classification document of record for this position. Please complete the information as accurately as you can as the position description is used to determine the proper classification of the position.	
2. Employee's Name (Last, First, M.I.)	8. Department/Agency TECH, MGMT AND BUDGET - IT
3. Employee Identification Number	9. Bureau (Institution, Board, or Commission) Cybersecurity & Infrastructure Protection
4. Civil Service Position Code Description Info Tech Prgmr Analyst-A	10. Division Identity and Architecture
5. Working Title (What the agency calls the position) MILogin Senior Developer	11. Section
6. Name and Position Code Description of Direct Supervisor EBIG, NATHAN; STATE ADMINISTRATIVE MANAGER-1	12. Unit
7. Name and Position Code Description of Second Level Supervisor BENNETT, JAMIE; STATE OFFICE ADMINISTRATOR	13. Work Location (City and Address)/Hours of Work 7150 Harris Drive Dimondale MI 48150 / Monday - Friday 8am - 5pm
14. General Summary of Function/Purpose of Position This position will function as the senior level developer responsible for new functionality development and maintaining existing code for the Enterprise Identity and Access Management (EIAM) solution for the State of Michigan (SOM) branded as "MiLogin". The senior level developer is responsible providing support of Agile development methodologies in accordance with State policies and procedures for the system architecture of MiLogin, including the implementation of MiLogin solution security, vulnerability scanning, testing, configuration and release management, performance management, high availability, disaster recovery and other service delivery components and functions. MiLogin is an enterprise single sign-on and identity/access management solution which enables the State of Michigan to establish, manage, and authenticate user identities for Web and Mobile SOM IT systems. This solution is used across all State of Michigan departments and provides access to over 300 various services to Michigan public users, business entities, as well as all SOM employees. This solution also provides an identity management service for Michigan local governments. This position is the senior level developer in the Enterprise Identity and Access Management (EIAM) Team. The team is responsible for development of new functionality for all the MiLogin portals currently providing application authentication services.	

15. Please describe the assigned duties, percent of time spent performing each duty, and what is done to complete each duty.

List the duties from most important to least important. The total percentage of all duties performed must equal 100 percent.

Duty 1

General Summary:

Percentage: 80

The senior level position will manage the onboarding of applications to the enterprise level Identity and Access management architecture for all of Agency Services, IT systems and projects. Plan, develop and administer identity and access management technology related policies and procedures.

Individual tasks related to the duty:

- With the Business Analyst, takes a lead role in presenting the information gathered to the Project Review Board and/or Project Sponsors during project review meetings, project workgroups and to the Technical Review Board providing clarification and answers to questions.
- Design and document IT solutions when new technology is involved with guidance and review from the solutions architect (SA) to ensure the software architecture aligns with the hardware architecture and other DTMB enterprise guidelines.
- Assist Architect or DBA to draft technical database model that:
- Complies with audit separation of duty requirement.
- Captures requirements of data elements
- Designs data elements to best meet application needs
- Serves as a team lead and resource, directing the code development, providing advice and guidance to other development staff.
- Reviews and approves recommended design solutions.
- Maintain source code within the standard version control tool.
- Evaluate and identify development exception needs. Work with a Solutions Architect to gain required approval.
- Review and approve application test plans with Business Analyst. Incorporate all levels of security, which were identified as system requirements, into test plans.
- Design scripts and coordinate application peer testing, load testing and system integration testing.
- Consult with agency clients to explain complex IT processes, DTMB standards, and solutions, developing and maintaining an effective communication plan within DTMB and agency clients relating to project level metrics, bureau level project reporting, etc.
- Gather, review and analyze potential impacts of changes and inform DTMB management and supported client agency of impact and risks to existing IT solutions due to proposed legislation requests, changes in processes or procedures.
- Evaluate impact of new development tools, languages, upgrades and equipment on agency systems and make recommendations to DTMB and/or agency clients in collaboration with the solutions architect (SA).

Duty 2

General Summary:

Percentage: 15

Participate in identity and access management systems projects and project teams.

Individual tasks related to the duty:

- Manage the development and testing of client enterprise level components, API's and related databases.
- Participate in SDT sessions.
- Work with Development Specialist and development manager to suggest and make continuous improvements to the Development process via automation or procedure modification.
- Review the security and account administration services.
- Coordinate DAST and SAST scans with infrastructure team.
- Maintain technical identity and access management technology methodology and best practices.
- Participate in sprints and sprint planning sessions.

Duty 3

General Summary:

Percentage: 5

Other duties as assigned.

Individual tasks related to the duty:

Other duties as assigned.

16. Describe the types of decisions made independently in this position and tell who or what is affected by those decisions.

Decision maker on the following:

- Technical plan – all development projects and systems users.
- The best approach to resolve technical issues and troubleshoot problems – all development projects and system users.
- Develop and administer design related policies and procedures – all development projects, and system users.

17. Describe the types of decisions that require the supervisor's review.

- Decisions regarding any purchasing.
- When decision impacts team, agency and/or section goals and priorities.
- Changes in policies, standards and procedures affecting team, section and agency that may need to be passed to supervisor for approval.
- Approval of requested hardware and software purchases as per normal departmental approval processes.

18. What kind of physical effort is used to perform this job? What environmental conditions in this position physically exposed to on the job? Indicate the amount of time and intensity of each activity and condition. Refer to instructions.

- Normal office environment and climate controlled computer room.
- Extensive use of VDT and keyboard: 85 - 100%
- Infrequent equipment transport and setup: 1 – 5%
- Frequent heavy workloads and mandatory deadlines: ongoing
- Some travel: 1 – 5%
- May require use of personal vehicle.
- Over-time or on-call time is possible.

19. List the names and position code descriptions of each classified employee whom this position immediately supervises or oversees on a full-time, on-going basis.

Additional Subordinates

20. This position's responsibilities for the above-listed employees includes the following (check as many as apply):

- | | | | |
|----------------------------|------------------------------------|----------------------------|-----------------------------------|
| <input type="checkbox"/> N | Complete and sign service ratings. | <input type="checkbox"/> N | Assign work. |
| <input type="checkbox"/> N | Provide formal written counseling. | <input type="checkbox"/> N | Approve work. |
| <input type="checkbox"/> N | Approve leave requests. | <input type="checkbox"/> N | Review work. |
| <input type="checkbox"/> N | Approve time and attendance. | <input type="checkbox"/> N | Provide guidance on work methods. |
| <input type="checkbox"/> N | Orally reprimand. | <input type="checkbox"/> N | Train employees in the work. |

22. Do you agree with the responses for items 1 through 20? If not, which items do you disagree with and why?

Management prepared

23. What are the essential functions of this position?

This position will function as the senior level developer responsible for new functionality development and maintaining existing code for the Enterprise Identity and Access Management (EIAM) solution for the State of Michigan (SOM) branded as "MiLogin". The senior level developer is responsible providing support of Agile development methodologies in accordance with State policies and procedures for the system architecture of MiLogin, including the implementation of MiLogin solution security, vulnerability scanning, testing, configuration and release management, performance management, high availability, disaster recovery and other service delivery components and functions.

Competencies: Technical /Professional Knowledge and Skills, Planning and Organizing Work, Adaptability, Initiating Action and Customer Focus.

24. Indicate specifically how the position's duties and responsibilities have changed since the position was last reviewed.

Establishment

25. What is the function of the work area and how does this position fit into that function?

The function of the Cybersecurity and Infrastructure Protection EIAM section is to provide an enterprise single sign-on and identity and access management solution which enables the State of Michigan (SOM) to establish, manage, and authenticate user identities for Web and Mobile SOM IT systems. This solution is used across all state departments and provide access to over 300 various IT systems to Michigan citizens and business entities, as well as all SOM employees. This solution also provides an identity management service for Michigan local governments and other states. The position also provides an agency and State enterprise view of architecture design and integration to keep DTMB consistent with statewide technology and standards.

26. What are the minimum education and experience qualifications needed to perform the essential functions of this position.

EDUCATION:

Information Technology Programmer/Analyst 9

Possession of an Associate's degree with 16 semester (24 term) credits in one or a combination of the following: computer science, data processing, computer information systems, data communications, networking, systems analysis, computer programming, information assurance, IT project management or mathematics.

Information Technology Programmer/Analyst P11/12

Possession of a Bachelor's degree with 21 semester (32 term) credits in one or a combination of the following: computer science, data processing, computer information systems, data communications, networking, systems analysis, computer programming, information assurance, IT project management or mathematics.

EXPERIENCE:

Information Technology Programmer/Analyst 12

Two years of professional experience equivalent to an Information Technology Infrastructure or Programmer/Analyst P11.

Alternate Education and Experience

Information Technology Programmer/Analyst P11 - 12

Possession of an associate's degree with 16 semester (24 term) credits in computer science, information assurance, data processing, computer information, data communications, networking, systems analysis, computer programming, IT project management, or mathematics and two years of experience as an application programmer, computer operator, or information technology technician; or two years (4,160 hours) of experience as an Information Technology Student Assistant may be substituted for the education requirement.

OR

Completion of high school and four years of experience as an application programmer, computer operator, information technology technician, or four years (8,320 hours) of experience as an Information Technology Student Assistant may be substituted for the education requirement.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge of Azure DevOps Methodology
- Thorough understanding and experience with SOM/DTMB processes and procedures.
- Good understanding of SOM/DTMB Enterprise Architecture Solution Assessment processes and rules.
- Knowledge in Identity and Access Management
- Ability to quickly learn and implement new technologies and procedures.
- Ability to troubleshoot application issues under pressure.
- Ability to work as a team member, ability to be a self-starter.
- Ability to communicate well, both verbally and in writing.

Recommended:

- Knowledge of JavaScript, JSP, HTML, CSS, jQuery, Angular, typescript
- Knowledge of Spring Development Frameworks, Microprofile, Java 8/11/17, Jakarta, Open Liberty
- Knowledge of DB2, Postgres SQL
- Knowledge of IBM Access Manager.
- Knowledge of IBM Identity Manager
- Knowledge of Containerization architecture and Microservices technology
- Knowledge of Docker, Kubernetes, CI/CD pipelines

CERTIFICATES, LICENSES, REGISTRATIONS:

N/A

NOTE: Civil Service approval does not constitute agreement with or acceptance of the desired qualifications of this position.

I certify that the information presented in this position description provides a complete and accurate depiction of the duties and responsibilities assigned to this position.

Supervisor

Date

TO BE FILLED OUT BY APPOINTING AUTHORITY

Indicate any exceptions or additions to the statements of employee or supervisors.

N/A

I certify that the entries on these pages are accurate and complete.

MARCELINA BREWER

3/26/2026

Appointing Authority

Date

I certify that the information presented in this position description provides a complete and accurate depiction of the duties and responsibilities assigned to this position.

Employee

Date