

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) Office of the Chief Technology Officer (OCTO)
4. Civil Service Position Code Description Info Tech Prgmr Analyst-E	10. Division Office of Enterprise Architecture (OEA)
5. Working Title (What the agency calls the position) Information Technology Programmer Analyst 9	11. Section Enterprise Service Coneect (ESC)
6. Name and Position Code Description of Direct Supervisor HUGHEY, BROCK T; STATE ADMINISTRATIVE MANAGER-1	12. Unit
7. Name and Position Code Description of Second Level Supervisor RODGERS, ANTHONY; STATE DIVISION ADMINISTRATOR	13. Work Location (City and Address)/Hours of Work 7285 Parsons Drive, Dimondale, MI / 8:00 am to 5:00 pm; Monday - Friday or variation
14. General Summary of Function/Purpose of Position This position is a member of a team of information technology professionals. The team focus relies on strong players willing to contribute to each project while focusing on achieving the goals and mission of the agency. This position will provide maintenance and support for Web-based and/or client/server applications. This position may also be involved in new development, maintenance and enhancements which would encompass testing, implementation, documentation and support.	

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: 50**

Programming and systems support

Individual tasks related to the duty:

- Use appropriate programming languages and development tools to develop and maintain specified systems as required, using various technologies.
- Troubleshoot system problems when production errors occur. Learn to use software debugging tools to isolate problems.
- Learn to build logical/physical data models.
- Document all system changes.
- Participate in the system design and development methodology meetings with other developers and analysts.
- Arrange and facilitate meetings with clients to evaluate system needs and gather business requirements.
- Follow State and Agency standards, methodologies, policies and procedures when developing and maintaining applications.
- Work with other DTMB team members when tasks call for a cross-team solution.
- Learn and understand the client's business process.
- Maintain constant availability to the clients/customers (e.g. e-mail and telephone) during client working hours.

Duty 2

General Summary: **Percentage: 30**

Quality check and quality assurance

Individual tasks related to the duty:

- Works with other developers to learn the methods of developing test components or plans necessary to ensure that all new system development changes are tested.
- Create test data and execute tests to determine the accuracy of program logic to produce desired results.
- Maintain a defect tracking log.
- Execute test plans approved by senior analyst or team members.
- Learn how to validate the functional requirements of a system.
- Learn to design, develop, validate and implement test plans for applications.
- Participate in system/component walk throughs.

Duty 3

General Summary: **Percentage: 15**

Research, planning, and documentation

Individual tasks related to the duty:

- Document application requirements for assigned projects.
- Maintain and update system and project documentation
- Utilize the department's development methodology to research, build, test, document, and implement assigned tasks.
- Prepare presentation materials for technical review meetings, approval sessions, and application demonstrations.
- Provide for a document trail of module modifications so that any team member can step in a troubleshoot problems for a specific module.
- Assist clients with preparation of help documents and procedure manuals affiliated with assigned projects.
- Assist in training users as needed.

Duty 4

General Summary: **Percentage: 5**

Other duties as assigned by management.

Individual tasks related to the duty:

- Support and helps users to work with different client software.
- Provide ongoing customer support.
- Performs other related assignments to support the Agency Services division.
- Maintains records, prepare reports and correspondence related to work including status reports.
- Research, test and recommend new development tools and languages.

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

This position will work under the guidance of a mentor. Decisions will be made by the incumbent will involve:

- Decisions involving the research of current system operations.
- Decisions in support of DTMB standards.

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

- Decisions in support of DTMB standards
- When the decision:
 - results in a business process change.
 - results in a change in direction or scope of current DTMB projects.
 - impacts matters that affect the budget.
 - impacts action to be taken in the event of a major security problem.
 - impacts the Agency's IT strategic direction.

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.

- Routine office environment.
- Travel to off-site conferences and meetings.
- Occasional overtime may be required.
- Occasional travel may be required by all mode of transportation, in-state and out-of-state.

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?

Yes

23. What are the essential functions of this position?

- The development, testing and implementation of new and updated software applications are an essential element of this position.
- Adhering to agency standards and state methodologies is critical to team success.

Critical Job Role: Applications Development

Competencies: Tech/Prof Knowledge & Skills, Customer Focus, Contributing to Team Success, Building Trust, Continuous Learning.

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

New position

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

The Solution Design Team (SDT) is a cross-functional team of IT gurus. The work area creates State of Michigan enterprise architectural design solutions and support complex projects. The work area accomplishes this by assembling a team of some of the best and brightest subject matter experts from DTMB to help solve particularly challenging or time sensitive project issues, so that project teams achieve their project goals and implement their solutions successfully.

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 9

No specific amount or type is required.

Information Technology Programmer/Analyst P11

No specific type or amount is required.

Alternate Education and Experience

Information Technology Programmer/Analyst 9

Educational level typically acquired through the completion of high school and two years of experience as an application programmer, computer operator, IT Technician, or two years (4,160 hours) of experience as an Information Technology Student Assistant may be substituted for the education requirement.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge/Training:
 - in the analysis, design, programming, testing, implementing and supporting web based applications and/or client/server applications.
 - with the object oriented design techniques and programming languages.
 - in developing systems with relational databases.
 - in Database Administration.
 - of systems development methodology utilized in the development of new systems and enhancements.
 - in analysis and requirements gathering.
 - in development of test plans and components, and conducting unit, system and user acceptance testing.
- Ability to prepare detailed written instructions and documentation.
- Effective oral and writing skills.
- Time management skills.

CERTIFICATES, LICENSES, REGISTRATIONS:

Duties may involve the use of a vehicle.

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.

STACI ERICKSON

Appointing Authority

6/17/2026

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