



## Job Class: Systems Architect – Job 36808

### Working Title: Data Architect

**Who May Apply:** Open to all qualified job seekers

**Date Posted:** 11/12/2019

**Closing Date:** **Open until filled – applications will be reviewed bi-weekly**

**Hiring Agency/Seniority Unit:** MN St Colleges & Universities System Office/MAPE

**Division/Unit:** Minnesota State System Office IT

**Appointment Type:** Unlimited, Full-time

**Work Shift/Work Hours:** Day Shift

**Days of Work:** M-F

**Travel Required:** Yes - Occasionally

**Salary Range:** \$35.43 - \$60.47/hourly; \$73,977 - \$126,261/annually

**Classified Status:** Classified

**Bargaining Unit/Union:** 214 - MAPE

**LFLSA Status:** Exempt - Administrative

**Connect 700 Program Eligible:** Yes

#### Job Summary

##### **Open until filled – applications will be reviewed bi-weekly**

Minnesota State is seeking a Data Architect to join its Data team to provide services to the Minnesota State system office and all 31 colleges and universities of the Minnesota State system.

Minnesota State is the largest provider of higher education in the state of Minnesota and the fifth largest system of higher education in the United States. The system serves 400,000 students annually through seven four-year universities and 24 two-year technical and community colleges.

The Enterprise Data Architect is responsible for the architectural design and planning of enterprise data for Minnesota State Colleges and Universities. This role defines how the company's structured and unstructured data will be stored, consumed, integrated/shared, and reported by enterprise application systems. This position will define and align data architecture principles to the overarching enterprise architecture principles. The position provides expertise in: data analysis, design, deploying and management of the enterprise's data architecture, defining requirements, developing and designing secure architectures, developing system wide processes and standards, selecting enterprise wide data products, tools, technologies and services. The Enterprise Data

Architect works with all functional areas within IT in the system office and at institutions to design and support secure technologies to meet the business needs of the System.

The person must have a high-level understanding of enterprise data architecture, data technologies and solutions, and how they fit into enterprise architecture overall. Expertise is required in building an enterprise data model, a central dictionary of operational and technical definitions that support a standard common business vocabulary, define strategy/approach & principles for data quality management, master data management, metadata management, data integration, data security/access and data archiving & retention.

The work location is in the heart of downtown St. Paul, right in the skyway system. Benefits include excellent health and dental insurance, retirement package, tuition waiver at Minnesota State institutions (after three years of employment) and flexible working hours.

### **Minimum Qualifications:**

**Resume must reflect all minimum qualifications. Please enter your experience in chronological order, including the month and year of employment.**

- A Bachelor's degree in information systems or related technology OR equivalent combination of education and experience
- Six (6) years' experience designing and implementing data systems in an Analyst/Lead role
- Two (2) years' experience in enterprise data modeling, and technical and operational metadata management
- Experience designing, implementing, and supporting enterprise data applications.
- Expertise in at least one of the following: database management, data warehousing, business intelligence.
- Ability to analyze and effectively communicate complex technical ideas to other technical personnel and management.
- Ability to create, maintain and organize documentation to support architectural standards and principles.
- Demonstrated strong leadership and mentoring skills.
- Demonstrated strong communication and presentation skills (written and verbal).
- Ability to develop effective working relationships and work collaboratively with colleagues.

Minnesota State is unable to sponsor applicants for work visas. All applicants must be legally authorized to work in the US.

### **Preferred Qualifications:**

- Master's degree in information technology or other related field
- Experience with unstructured data
- Experience with analytics
- Significant implementation and development experience with Microsoft BI/Enterprise Reporting tools; data integration (SSIS), analytics (SSAS), business intelligence (SSRS), and visualization.
- Strong project management skills

- Experience working with an enterprise level ERP system
- Experience leading teams

### **Additional Requirements:**

The successful candidate must submit to a background investigation prior to employment.

The background check may consist of the following components:

- SEMA4 Records Check (applies to current and past state employees only)
- Criminal History Check
- Employment Reference Check
- Social Security and Address Verification
- Education Verification

### **Other Information:**

Employment information for this position can be found in its collective bargaining agreement or its plan document at <http://mn.gov/mmb/employee-relations/labor-relations/Labor>.

### **Why Work For Us:**

At Minnesota State we promote the ability for our employees to move within the Minnesota State system of Colleges and Universities, located throughout the State of MN. To learn more, please visit: [Work at Minnesota State!](#)

At Minnesota State, we have a GREAT BENEFITS PACKAGE! Our generous benefits include 11 paid Holidays, Vacation Time, Sick Time, six weeks of Paid Parental Leave, low cost medical (\$32.48 per month single and \$221.62 per month family) and dental insurance with low deductibles, a Pension Plan, 457(b) and 403(b) retirement plans and other retirement investment options, pre-tax medical and dental expense (with roll-over option) and dependent care accounts, employer paid life insurance, short and long term disability, as well as professional development and a tuition waiver program for employees and their dependents, etc. We promote the health and well-being of our employees and take work/life balance seriously.

**Minnesota State is a proud to serve the military and veterans as a Yellow Ribbon Company!**

### **How to Apply**

External Applicants: Go to <http://www.mn.gov/careers>

Internal Applicants: Go to Self-Service/Careers

### **Contact**

If you have questions about the position, contact Jessica White at [jessica.white@minnstate.edu](mailto:jessica.white@minnstate.edu) or 651/201-1845.

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## Equal Employment Opportunity

Minnesota State Colleges and Universities is an Equal Opportunity employer/educator committed to the principles of diversity. We prohibit discrimination against qualified individuals based on their race, sex, color, creed, religion, age, national origin, disability, protected veteran status, marital status, status with regard to public assistance, sexual orientation, gender identity, gender expression, or membership in a local commission as defined by law. As an affirmative action employer, we actively seek and encourage applications from women, minorities, persons with disabilities, and individuals with protected veteran status.

Reasonable accommodations will be made to all qualified applicants with disabilities. If you are an individual with a disability who needs assistance or cannot access the online job application system, please contact the job information line at 651.259.3637 or email [careers@state.mn.us](mailto:careers@state.mn.us). Please indicate what assistance is needed.