Job Class: Systems Architect - 33257

Working Title: Cloud Security Architect

Who May Apply: Open to all qualified job seekers
Date Posted: 6/10/19
Closing Date: **7/8/2019**
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 - 5%
Salary Range: $34.65 - $59.14/hourly; $72,349 - $123,484/annually
Job Class Option: 1745 - Information Security
Classified Status: Classified
Bargaining Unit/Union: 214 - MAPE
LFLSA Status: Exempt - Administrative

Connect 700 Program Eligible: Yes

Job Summary

The Information Security Architect is responsible for the architectural design, development and implementation of security controls for Office 365 and other cloud services. The position also participates in the design, development, and "hands on" implementation of secure architectures for protecting data deployed into cloud and cloud hybrid systems. This position serves as the SME for cloud transformation and is expected to have a deep understanding of cloud architecture and Microsoft technologies. The position provides expertise in: defining requirements; developing and designing secure architectures; developing and implementing system wide processes and standards; and selecting enterprise wide security products, tools, technologies and services. This position will lead implementation efforts in these areas. The Information Security Architect works with all functional areas within IT at Minnesota State's System Office, colleges and universities to design and support secure technologies to meet business needs.

The person must have a high level understanding of cloud technologies and solutions, understanding of Microsoft server and Azure Active Directory architectures, accepted information security practices; applicable laws and regulations; secure architecture design, application security, security products and services, trends and emerging threats and vulnerabilities.

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.
- 3 years' experience as an IT technical lead in Microsoft Technologies or as a Microsoft engineer/ system Administrator.
- 3 years' experience with various Microsoft server platforms and directory services (active directory, Azure active directory, and/or LDAP)
- 1 year experience with cloud technologies.
- Experience or demonstrated understanding of assessment, development, implementation, optimization and documentation of a comprehensive and broad set of security technologies and processes related to Microsoft & Microsoft Cloud technologies.
- Experience or demonstrated understanding of design reviews to assess security implications and requirements for introduction of new technologies and systems.
- Working knowledge of network/security infrastructure, and data center modeling, analysis and planning.
- Working knowledge of PowerShell
- 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 across various technical and business units.
- Possess or commitment to obtain the following certification within 18 months of hire:
    - MCSE: Cloud Platform and Infrastructure (or equivalent)
- Strong project management skills, with a high aptitude in managing multiple projects.
- Ability to adapt to changing environments (e.g. external threats, internal adoption of new technologies)

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

Preferred Qualifications:

- Strong familiarity with Azure and Office 365 cloud environment, and related security controls.
- Experience in managing and responding to security events and incidents.
- Working knowledge of industry standard authentication mechanisms (OAuth, OpenID, SAML, Shibboleth, etc.)

- Experience with deployment orchestration, automation and security configuration management (Graph API, Azure Templates, Puppet, Chef, etc.)
- Experience with higher education or State government agencies.

Additional Requirements:

- **Successful candidate must be able to pass past-employer reference checks and a criminal history 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 or 651/201-1845.

Equal Employment Opportunity

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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.   Please indicate what assistance is needed.