

Classification Title: Enterprise Architect

FLSA Status: Exempt

BRIEF DESCRIPTION: Develops, architects, and implements identity and access management (IAM) solutions at an enterprise and application level for Wake County. Establishes a formal IAM framework, creating a strategy/roadmap, developing and requesting associated budgets, managing/overseeing projects, and implementing identity access solutions on a County-wide basis, spanning multiple large-scale applications/databases and departments.

ESSENTIAL FUNCTIONS:

This information is intended to be descriptive of the key responsibilities of the position. The following examples do not identify all duties performed by any single incumbent.

S Sedentary	L Light	M Medium	H Heavy	V Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.	Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	Exerting 50-100 lbs. occasionally, 10-25 lbs. frequently, or up to 10- 20 lbs. constantly.	Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

#	Code	Essential Functions
1	S	Develop, document, manage and implement an enterprise-wide IAM Framework, strategy and roadmap that outlines and defines the tactical, operational and strategic plan for IAM throughout Wake County.
2	S	Build and support IAM products and processes including integration into key County enterprise and business applications. Architect solutions that integrate multiple applications, databases and LDAP directories. Architect IAM processes that integrate on-premises applications, processes and directories with cloud hosted services.
3	S	Serve as IAM liaison for IS Staff, County departments, third party software and hosting vendors, partner agencies and organizations. Provide architecture / configuration information and guidance for the use of IAM tools including SSO, federation, MFA, IWA, and the use of AuthN/AuthZ standards and protocols such as OAuth, OIDC, SAML, WS-Fed, modern authentication and social logins.
4	S	Explore and promote technology and develop technical skills. Stay current with IT industry trends and explore ways to effectively apply new technologies to the work of Wake County government.

CLASSIFICATION REQUIREMENTS:

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Education	Four-year Bachelor’s degree or equivalent in Computer Information Systems, Management Information Systems, or a related field.
Experience	Five years of experience working with third-party IAM framework(s), developing/designing solutions using LDAP directories and AD. Working with federated identity and building and/or supporting authentication solutions using SAML, OAuth, OIDC and WS-*. Nine years’ experience as an Applications Developer / architect using Microsoft .Net.

CLASSIFICATION REQUIREMENTS	
Certification and Other Requirements	No certifications. Safe driving record and a valid drivers license.
Equivalent Education & Experience Accepted?	Yes
Reading	Advanced
Math	Advanced
Writing	Advanced
Managerial	Receives Broad Direction
Budget Responsibility	Research for documents, compiles data for computer entry, and/or enters or oversees data entry. Has responsibility for monitoring budget expenditures (typically non-discretionary expenditures) for a work unit.
Supervisory / Organizational Control	None
Interpersonal / Human Relations Skills	Work requires very frequent and regular contact with others in a direct reporting relationship as well as others outside of a direct reporting relationship. The purpose of the contact broad reaching and dynamic and may include the communication specific issues and/or general policies. Interaction with others outside of the department requires exercising participative management and negotiation skills that support County strategy and organizational goals. Work also requires the communication with direct reports to ensure maximum productivity in work assignments. Makes presentations and answers questions in regard to presentation materials and findings.

OVERALL PHYSICAL STRENGTH DEMANDS:

Sedentary	X	Light	Medium	Heavy	Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.		Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	Exerting 50-100 lbs. occasionally, 10-25 lbs. frequently, or up to 10-20 lbs. constantly.	Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

MACHINES, TOOLS, EQUIPMENT, AND WORK AIDS:

None

PRIMARY WORK LOCATION	
X Office Environment	Shop
Clinic	Vehicle
Recreation Centers/Neighborhood Centers	Warehouse
Outdoors (see 1 below)	Other

PROTECTIVE EQUIPMENT REQUIRED:

None