



NEW JERSEY DEPARTMENT OF THE TREASURY

NOTICE OF VACANCY

POSTING #: 2026 - 047 - S	ISSUE DATE: April 22, 2026	CLOSING DATE: July 30, 2026
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TITLE: Data Architect 2	OPEN TO: State Wide (all Departments/State Employees)
DIVISION: Pensions and Benefits	TITLE CODE: 53171 RANGE: R29
UNIT: Data Analytics	WORKWEEK: NL (35 hours)
LOCATION: 50 West State Street, Trenton, NJ	SALARY RANGE: \$95,955.40 - \$141,386.20

JOB DESCRIPTION

The New Jersey Department of the Treasury, Division of Pensions and Benefits is seeking a Data Architect 2. Under supervision of the Data Analytics Unit Manager, the selected candidate will collaborate with business stakeholders and internal and external partners to lead Joint Application Development (JAD) sessions and gather business requirements. Analyzes business and data needs to design scalable, efficient data warehouse solutions. Contributes to the overall data strategy, roadmap, and technology selection, and define architecture patterns and data flow diagrams. Serve as a senior Data Modeler, responsible for analysis, design, development, and implementation of logical and physical data models on cloud-based data platforms. Ensures all design documentation is properly developed, maintained and updated.

The selected candidate will analyze and evaluate business reporting needs; design and develop predefined reports, interactive dashboards and visualizations report applications; build reusable templates and data models to support standardized reporting; develop adhoc reports as needed to support business operations and decision-making; monitor and analyze system performance; troubleshoot and optimize performance issues; establish logging, monitoring, and alerting for data pipelines and databases; investigate and resolve incidents related to data flow failures or system issues; develop and manage backup and recovery strategies to ensure high availability and reliability of critical data systems; provide technical guidance and training for the team members on integrating data from multiple sources; maintain and monitor data pipelines and perform routine data reconciliation to ensure data accuracy and quality; support data audit requests and ensure compliance with data governance standards; install, configure, and upgrade database systems; manage user roles, security policies, and access control; enforce data privacy, compliance (e.g. PII, HIPAA), and governance policies.

The selected candidate will collaborate with business partners to create, review, approve and maintain detailed technical documentation, including data warehouse architecture, data models, data processing workflows, reporting applications, and system specifications; develop and maintain operational manuals to support system design, development, testing, implementation, and maintenance; prepare and present reports and recommendations to senior leadership; provide weekly project status and monthly updates for the Pensions and Benefits Monthly Report to the Treasurer; develop and manage project schedules and deliverables; supervise operational and functional activities including recommendations on personnel actions. Additionally, the selected candidate will act as the liaison between business stakeholders and internal and external Data Management Developers; lead, coordinate, and support user acceptance testing (UAT) and design and deliver end-user training materials.

The standard workweek is Monday through Friday. This position **may** be eligible to participate in the Department's telework program, which allows eligible employees to work remotely for up to two (2) days per week, as approved by management. The position offers a comprehensive benefits package including medical, prescription drug, and dental coverage, benefit leave, paid holidays, Pension, supplemental pension plan options, and tax saving programs. For more information regarding the New Jersey State Health Benefits Program (SHBP) and Public Employees' Retirement System of New Jersey (PERS) plan offerings, eligibility requirements, and enrollment, please visit the New Jersey Division of Pensions and Benefits website at <https://www.nj.gov/treasury/pensions/>. Please refer to the **Active Employees** section on the home page.



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POSITION REQUIREMENTS

Education & Experience:

Possession of a bachelor's degree from an accredited college or university; and four (4) years of the below-mentioned professional experience, two (2) years of which shall have been primarily in logical data modeling.

-OR-

Possession of a bachelor's degree in computer science or computer/information technology; and three (3) years of the below-mentioned professional experience, two (2) years of which shall have been primarily in logical data modeling.

-OR-

Possession of a master's degree in computer science or computer/information technology; and three (3) years of the below-mentioned professional experience, two (2) years of which shall have been primarily in logical data modeling.

-OR-

Possession of a bachelor's degree in computer science or computer/information technology plus a master's degree in computer science or computer/information technology; and two (2) years of professional experience which shall have been primarily in logical data modeling.

-OR-

Possession of an associate's degree in computer science or computer/information technology; and six (6) years of the below-mentioned professional experience, two (2) years of which shall have been primarily in logical data modeling.

-OR-

Eight (8) years of professional experience in systems analysis and design, data modeling, and/or data warehousing solutions delivery, two (2) years of which shall have been primarily in logical data modeling.

-OR-

A combination of both experience and education. Thirty (30) semester hour credits are equal to one (1) year of relevant experience.

Note:

"Professional experience" refers to work that is creative, analytical, evaluative, and interpretive; requires a range and depth of specialized knowledge of the profession's principles, concepts, theories, and practices; and is performed with the authority to act according to one's own judgement and make accurate and informed decisions.

IMPORTANT NOTES

Open to the following:

Open to full-time employees who have permanent status in a competitive title and who meet the requirements listed above. Appointments resulting from this posting will be made in accordance with Civil Services rules and regulations and may result in a forfeiture of rights to any promotional lists in the former office/unit.



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GENERAL INFORMATION

Vacancy Notice:

This is not a promotional announcement. Appointment(s) resulting from this posting will be made in accordance with Civil Service Commission rules and regulations.

Foreign Degrees:

Degrees and/or transcripts issued by a college or university outside of the United States must be evaluated for accreditation by a reputable evaluation service at your expense and must be included in your application submission by the closing date.

Residency:

In accordance with the New Jersey First Act, P.L. 2011, c.70, requires all employees to reside in the State of New Jersey, unless otherwise exempted under the law. If you do not live in New Jersey, you have one year from the date of appointment to relocate and maintain residence in New Jersey. For more information, visit: <https://nj.gov/labor/lwdhome/njfirst/NJFirst.html>.

Work Authorization:

Selected candidates must be authorized to work within the United States in accordance with United States Citizenship and Immigration Services and the Department of Homeland Security regulations. The State of New Jersey does not permit nor provide sponsorships. Individuals on student visas such as F1, J1, CPT, OPT, CPT, and H1B visas are not eligible for employment.

INSTRUCTIONS TO APPLY

Submissions must be received timely to the email address listed below in order to be considered. Failure to submit all required documents may result in an ineligibility determination. Interviews will be granted on the basis of the resume.

If you are qualified, please submit the documents listed below by 5:00 p.m. on July 30, 2026:

- Cover letter/Letter of interest
- Resume
- Proof of degree (unofficial transcript reflecting the date the degree was awarded and copy of diploma)

Treasury Employment Recruiter

Email address: EmploymentRecruiter@treas.nj.gov

(Please list the "2026 - 047 - S Data Architect 2" in the Subject Line)

THIS POSTING IS AUTHORIZED BY:

Antoinette Sargent/sd
Antoinette Sargent, Human Resource Officer

The State of New Jersey is an Equal Opportunity Employer