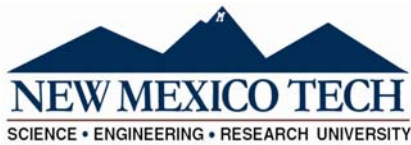


**Posted:** January 12, 2022



## POSITION ANNOUNCEMENT

**TITLE:** SOFTWARE DEVELOPER/ DATA ENGINEER

**DEPT:** BUREAU OF GEOLOGY

**REG** ☐

**TEMP** ☒

**FULL TIME** ☒

**PART TIME** ☐

**STARTING RATE or SALARY RANGE** \$55,000-\$63,000

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

**All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.**

**INTERNAL POSTING THROUGH:** January 21, 2022\* CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

### JOB DUTIES:

Position is for a full-stack software developer/DevOps engineer, primarily focused on building and maintaining cloud-based software tools for ETL and data visualization. Work is focused in the earth / natural sciences, especially water data originating in multiple disparate locations, as part of implementation of the Water Data Act for NM. Responsibilities include but are not limited to; develop ETL scripts, maintain cloud-based data pipeline, build and/or collaborate with front-end developers on data visualization and report generation applications.

We use a set of open-source tools and Google Cloud Platform services to build data pipelines from various datasets from various local, state and federal agencies. These semi-automated and automated pipelines are used to provide the state of New Mexico's water data in a programmatic, sanitized and standardized format. We use these pipelines to power various web applications that provide the state's numerous water data stakeholders data visualization and analysis tools.

### REQUIRED QUALIFICATIONS:

Bachelor's degree - Area of study: Computer science, data science, data engineering, IT, Software Development. Undergraduate degree required in Computer Science, Data Science, Data Engineering, IT or Software Development. Desired: Bachelor's degree plus 3 years directly related experience. Masters or PhD Degree desired (in above fields). Experience in software design, cloud-based technology, data engineering and development, including familiarity with modern software development practices and tools such as Git and GitHub required. Proven experience with object-oriented software development (e.g., Java and Python) required. Knowledge and experience with implementation of the full software development process using Agile or Iterative methodologies such as Agile Scrum and Scaled Agile Framework desired. Strong written communication skills and commitment to quality software development are a must. Strong customer-focus and can-do response to questions/requests with demonstrated outstanding follow through desired.

Apply to: [nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu) OR NMT/ HR 801 Leroy Place Brown Hall Box 005, Socorro, NM 87801