Job description

__Only applicants that currently have an active Top-Secret security clearance with SCI eligibility will be considered for this role.__

Position Description:

You will store and secure a variety of data, and make sure that the data are available to authorized users. As an integrated digital approach, explore possibilities and develop innovative solutions in a virtual environment.

- Integration requirements across the Services, Allies, and Partner Nations within the Indo-Pacific Joint Coalition Fires enterprise to achieve maximum effects against selected targets.

- Work across multiple staff offices to collect and fuse data, develop innovative methods to standardize data ingestion and tagging, and support on-going management of associated INDOPACOM data assets.

- Create, capture, and integrate data using a digital skillset.

- Identify user needs to create and administer databases.

- Design and build new databases.

- Ensure that organizational data are secure.

- Backup and restore data to prevent data loss.

- Ensure that databases operate efficiently and without error.

- Make and test modifications to database structure when needed.

- Maintain databases and update permissions.

Essential Responsibilities:

- Work across all USINDOPACOM directorates and special staff to understand the data resident within the Command, the types of data most frequently used, and for what purpose.

- Provide ontology and data quality for all USINDOPACOM data.

- Advise in the evolution of an INDOPACIFIC data strategy and associated policy.

- Utilize industry standard communication and visualization tools to visualize and communicate complex quantitative information and analysis.

- Interpret and communicate insights and findings from analysis to customer and other stakeholders with required/appropriate documentation.

- Tag data assets (i.e. operational, intelligence, enterprise, business activities) to support search and discovery of existing data.

- Facilitate and develop relationships across the Geographic Combatant Command CDOs, Combatant Commands CDO as well as the Joint Staff CDO.

- Support USINDOPACOM's responsibilities with respect to planning and data management for risk and vulnerability assessments.

Additionally, the Digital Systems Architect will maintain a real-time understanding of technical requirements that include:

- Apply analytics and customer segmentation techniques within intelligence functions.

- Maintain, move, and manipulate data between applications, using appropriate software (e.g., Apache Spark, ElasticSearch, R, Python, Kibana and others as technology evolves).

- Identify meaningful insights from large data and metadata sources.

- Compile reports, charts, and tables based on established statistical methods.

- Prepare conclusions and predictions based on data summaries.

Minimum Requirements:

- Experience with MIL-STD data formats; USMTF/OTH, CMF, TACTICAL DATA LINKS/JREAP and VMF

- 4+ years of experience as a data architect, data engineer, or software engineer with Bachelor's degree in Computer Science, Mathematics, Computer Engineering, or related field; will also accept Master's + 2 years

- 4+ years of experience with database design and implementation

- Experience in developing with APIs

- Experience with SQL, data analysis, and data validation

- Experience with Python and Pyspark

- Experience with building scalable ETL/ELT workflows for reporting and analytics

- Experience with creating solutions within a collaborative, cross-functional team environment

- Ability to develop scripts and programs for converting various types of data into usable formats and support project team to scale, monitor, and operate data platforms

- Strong problem-solving skills and creativity in developing and exploiting alternative sources of non-traditional information for DOD customers

- Strong oral presentation, data visualization, and writing skills

- Must have an active Top-Secret security clearance and be SCI eligible. Note: US Citizenship is required to obtain a Top-Secret Clearance.

Preferred Qualifications:

- Experience with USINDOPACOM HQ, the AOR, and associated intelligence/operational missions

- Experience with intelligence community systems and tools

- Previous experience working in a 4-star Headquarters

- Experience with AWS, Java, C++, APIs, SOAP, XML, JSON, and/or JavaScript

- Experience with developing architecture, ETL data pipelines, and data models

- Experience with data wrangling

- Experience with using database software, including Databricks or Snowflake

- Experience with writing code using Python and JavaScript

- Experience in using and developing with Microsoft 365 data-centric products, including Dataverse or Power BI

- Experience with Agile engineering practices

- Knowledge of Qlik

- Knowledge of data lake design

Preferred Knowledge and Skills:

- Communicate effectively verbally and in writing to provide information, articles, written reports, and presentations to include delivering executive summaries to flag and general officers (FO/GO) and Senior Executive Service (SES) level officials.

Job Type: Full-time
Salary: $150,000.00 - $180,000.00 per year
Benefits:

- 401(k)
- Dental insurance
- Health insurance

Schedule:

- 8 hour shift

Education:

- Bachelor's (Required)

Experience:

- Database design and implementation: 4 years (Required)

Security clearance:

- Top Secret (Required)

Ability to Relocate:

- Camp Smith, HI: Relocate before starting work (Required)

Work Location: In person
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