

## Job Posting

**Position:** Systems Architect

**Job Type:** Full-time

### Position Description:

RAMTeCH Software Solutions is a global GIS consulting, data management, and software solutions company specializing in the utility, energy, and telecommunications industries. We are seeking a Systems Architect to work in our Minneapolis/St. Paul, Minnesota area office, or remotely within the United States. This position involves the design and implementation of solution architectures for Esri-based systems and integrations. The Systems Architect should have a full understanding of implementation requirements and how multiple components of the Esri Enterprise GIS are installed and configured.

### Position Requirements:

- Work in a team environment with other project managers, consultants, developers, and clients to provide analysis, design, and implementation-related support for Esri's ArcGIS Platform, system integrations, and related geospatial and enterprise projects
- Contributes ideas to GIS strategy and planning, and system definition of future business needs of clients
- Leads system architecture definition, including the component interactions and interfaces, and the technologies and resources to be used in the design
- Defines application and infrastructure service level agreements
- Builds and presents technical documents, procedures, reports, briefings and proposals
- Develops and advocates GIS system, application, and data management policies, standards, practices and security measures to ensure effective and consistent client management operations
- Performs ArcGIS Enterprise installation and configuration
- Diagnoses, isolates and resolves complex problems pertaining to system implementations and data infrastructure, including troubleshooting and diagnosis
- Manages interactions with technical teams and the business to identify and resolve client GIS system and application issues
- Evaluates and make recommendations regarding GIS systems, applications and data integrity
- Provides an enterprise-wide perspective into GIS and IT-related decisions
- Meets with clients to define user, application, and system requirements; includes supporting project requirements gathering workshops and develop resulting data, application, and process documentation
- Advocates change management concepts, practices and procedures to maximize solution adoption and usage and minimize resistance
- Prepares architecture documentation of proposed client solutions based on defined requirements and provide technical guidance to other team members
- Provides independent and objective advice on the use of GIS to support business requirements
- Presents recommendations and solutions in written or oral reports

- Supports Account Manager in sales support, and where appropriate, maintaining contact with client staff and/or project team members, and partners involved with the project
- Experience with enterprise system implementations of the Esri ArcGIS Platform (desktop, web, mobile), ArcGIS Enterprise, Esri Utility Network data models
- Knowledge of principles and techniques for software/systems development life cycle for application development, IT Service Management (ITSM), and IT governance
- Knowledge of principles and techniques of systems analysis and design
- Knowledge of electric, gas, water, and telecommunications business functions and operations
- Knowledge of MS SQL Server, Oracle, SAP HANA or related RDBMS

#### **Experience and Education Required:**

- **Minimum:** five to ten years' experience in a Systems Architect role designing and supporting enterprise GIS solutions for large client user bases
- **Education:** Bachelor's or master's in computer science, GIS, cartography/geography, engineering, or related field

#### **Additional Job Details:**

**Travel:** Moderate travel within the U.S.

**Work Authorization:** U.S. Citizen

Join a global network of high-caliber people who collaborate and share an enthusiasm for successful project delivery. RAMTeCH encourages individual achievement and recognizes the strength of a diverse workforce. This position comes with a competitive salary and a comprehensive benefits package, including life insurance, health and dental insurance, tuition and training reimbursement, 401(k) retirement plan, paid holidays, vacation, and sick time.

Our growing team awaits the addition of your technical knowledge and strong skills. For confidential consideration, qualified candidates should submit a cover letter, resume, and salary requirements to the below. RAMTeCH is an Equal Opportunity/Affirmative Action Employer.

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