**Mohammad Sanaul Haq**

**:** 09711666738 **:** [mohd\_sanaul0011@yahoo.co.in](mailto:mohd_sanaul0011@yahoo.co.in)

**:** https://www.linkedin.com/in/mohammad-sanaul-haq-5a844522/

**~ Team Lead POSITIONS ~**

~ Geographical Information Systems (Database Management) ~ Remote Sensing ~

7 years plus of experince

Industry Preference: IT Services

Location Preference: Delhi & NCR & Lucknow

Description: knowledge24x24icons **Profile Snapshot**

**AREAS OF EXPERTISE:**

***Geographical Information Systems***

***Remote Sensing***

***Database Management***

***Migrations & Integration***

***Data Analysis (Geo-Spatial)***

***Quality Assurance***

***GIS Application Support***

* Gained insightful experience in executing **multiple projects (Geographical Information Systems & Remote Sensing)** while meeting business needs in a fast paced, dynamic and globally expanding MNC environment
* Proficient in devising **strategic plans & schedules for projects** encompassing Client-meeting, Technical Support, System Requirement Study,Data Capturing, Analysis, Quality Checking/Assurance, Database designing, Migration and Integration
* Skilled in preparing **technical specifications** while working in close coordination with the Clients and Project Team
* Expertise in undertaking technical & feasibility studies while conducting complex calculations including site investigations
* Possess strong knowledge of **ArcScene for 3D Data Creation, Modification and ArcGIS for GeoReferencing; ensuring adherence to ISO 9001:2008 Standards**
* Experience in customization of **ArcPy for Scripting**
* ***Excellent problem solving & technical skills coupled with confident decision making for enabling effective solutions leading to high customer satisfaction and low operational costs***

 **Technical Skills**

* Sound knowledge of:
* AutoCAD, Arc-GIS 9.x, 10.x & 10.5 Desktop (Arc Map, Arc Info, Arc View), ArcGIS Pro-3D, ArcScene, & AutoCAD Map as Mapping Software.
* ERDAS IMAGINE and Global Mapper for Image Processing
* MS Office suit (Word, Excel, PowerPoint and MS Project)

**Description: exp24x24icons Work Experience**

**Since MM’00 Petro IT Solutions Pvt Ltd., Gurgaon**

**Growth Path:**

Oct’11 – Oct’012 GIS Engineer

Oct’12 – Dec’13 Sr GIS Engineer

Jan’013 – Dec’015 GIS Analyst

Since Jan’18 Associate GIS

**Key Result Areas:**

* Working with Delivery Head for evaluating resource required for the project
* Devising production plan for the project and creating procedure documentation for the same
* Monitoring progress of the project & taking corrective actions as per the requirement; assigning work to the project team and ensuring achievement of performance levels
* Liaising with the client for:
* Project delivery related issues and timely reporting them on project status
* Successful completion of user acceptance test by the client
* Ensure resolution of issues related to resource and technical inputs.
* Monitoring the performance of Data / Production Supervisors / Executives
* Extending support to the team members on digitization and project delivery functions
* Working as Quality Reviewer for another production based project
* Managing software related issues and technical support to the team leaders / team members

**Accomplishments:**

* Streamlined incentive reform process in the organization using result oriented incentive strategies which resulted in considerable benefits to the both employees and the company

**Description: exp24x24icons Previous Experience**

**Dec’08 – Sep’10 SGS InfoTech Pvt. Ltd., Gurgaon as GIS Engineer**

Description: edu24x24icons **Education**

**2006 Post Graduate in Geography** from D.D.U University , Gorakhpur Uttar Pradesh

**2003 Graduate** from D.D.U University , Gorakhpur Uttar Pradesh

**2000 Intermediate** from U.P Board Allahabad, Uttar Pradesh

**1998 High School** from U.P Board Allahabad, Uttar Pradesh

 **Certifications**

* Completed certification in:
* **Post Graduate Diploma in Computer Application(PGDCA)** from Allahabad Deemed University, Allahabad Uttar Pradesh(2004).
* **Diploma in GIS & Remote Sensing** from SGS Infotech PVT Ltd , Gurgaon Haryana

 **Training**

* Attended:
* Various ESRI Conference-New Delhi.

 **Projects Handled**

**Under PetroIT Solution Pvt. Ltd.**

***PipeLine GIS Mapping as Associate GIS***

Client: Indian Oil Corporation Ltd (IOCL) – New Delhi

S/W Used: AutoCAD Map & ArcGIS 10.5 & MS Office

**Description :-** PetroIT Developing software for Oil&Gas pipeline oriented company. Software use to provide online information of on ground construction as Route Survey , Activity Progress, GPS location of weld, Pipe, Valve, and other Pipeline Assets for various clients located at India, Indonesia, Oman etc.. GIS Application helps the client to lay the pipeline as per the AFC and control the deviation from it. Automatically update Maps other then Administrative and Route Survey once uploaded on web server. GPS location data help for accuracy and for further implications of pipeline objective like depiction of weld points deviated from center line, depiction of actual pipe length vs length calculated on basis of weld coordinate. Thematic mapping of soil type, Pipe Profile, Google Earth Integration, Alignment sheet viewer are the enhanced feature included in the system. Depicting the **City Gas Distribution** into the Map and managing all its customer from a single interface.

**Key Result Areas:**

* Collecting GPS Point through Surveyor
* Final Quality checked the data as per the client requirement.

***PipeLine GIS Mapping as Associate GIS***

Client: IRP2 – Dubai

S/W Used: AutoCAD Map & ArcGIS 10.5, ArcGIS Pro, Global Mapper & MS Office

**Description :-** PetroIT Developing software for Oil&Gas pipeline oriented company. Software use to provide online information of on ground construction as Route Survey , Activity Progress, GPS location of weld, Pipe, Valve, and other Pipeline Assets for various clients located at UAE(Dubai and Abu Dhabi)etc.. GIS Application helps the client to lay the pipeline as per the AFC and control the deviation from it. Automatically update Maps other then Administrative and Route Survey once uploaded on web server. GPS location data help for accuracy and for further implications of pipeline objective like depiction of weld points deviated from center line, depiction of actual pipe length vs length calculated on basis of weld coordinate. Thematic mapping of soil type, Pipe Profile, Google Earth Integration, Alignment sheet viewer are the enhanced feature included in the system.

**Key Result Areas:**

* Collecting GPS Point through Surveyor
* Final Quality checked the data as per the client requirement.

***RAPDRP (Electrical Project, Gujarat & Madhya Pradesh) as Sr GIS Engineer***

Client: WTI Advanced Technology Ltd

S/W Used: AutoCAD Map & ArcGIS 10.5, ArcGIS Pro, Global Mapper & MS Office

**Description :-** The Govt. of India has proposed to continue R-APDRP during the XI Plan with revised terms and conditions as a Central Sector Scheme. The focus of the program shall be on actual, demonstrable performance in terms of sustained loss reduction. Establishment of reliable and automated systems for sustained collection of accurate base line data and the adoption of Information Technology in the areas of energy accounting will be essential before taking up the regular distribution strengthening projects.

**Key Result Areas:**

* Collecting GPS Point through Surveyor
* Final Quality checked the data as per the client requirement.

**Under SGS InfoTech Pvt. Ltd.**

***Multi-Purpose Household Survey under Project UIDSSMT (Municipal GIS) as GIS Engineer***

Client: UADD, Madhya Pradesh Government

S/W Used: AutoCAD Map & ArcGIS & MS Office

**Key Result Areas:**

* Preparing a ready to use property tax based spatial database which will help the government staff to replace their manual traditional MIS with the automated systems; The project is divided into following steps:
* Marking various administrative boundaries using DGPS survey
* Property survey of various wards of the concerned town
* Extraction of the various GIS layers from the high resolution satellite imageries
* Verification of the data from the field
* Integration of survey and GIS data using multiple relationships

***Land Record Project as GIS Engineer***

Client: Domestic Client

S/W Used: AutoCAD Map & ArcGIS

**Key Result Areas:**

* Linked traditional khatauni data (RoR data) with the corresponding cadastral after 1:1 matching mechanism; digital maps with corresponding ROR data
* Scanned original cadastral maps and prepared inputs using rectification techniques to remove the anticipated distortion
* Managed digitization of scanned after proper rectification process

***Land Cover & Land use of London City (UK Map) as GIS Engineer***

Client: European Country

S/W Used: AutoCAD Map & ArcGIS

**Description :-** The main objective of this project was to capture each and every detail on land by doing interpretation of Ariel photo graphs. All Building should be must digitised at 90 degree angle. Following were the activities involved.

**Key Result Areas:**

* Review of existing data & user ‘s need assessment
* Each feature on the ground was digitized as per specification

Description: personaldetails24x24icons **Personal Details**

**Date of Birth :** 8th June 1983

**Languages Known :** English & Hindi, Urdu

**Address :** L4-Abul Fazal Enclave,Jamiya Nagar Okhla,New Delhi, 110025