PARVEEN AGGARWAL-GISP

Certified GIS Professional -GISCI

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Assignments in the domain of Project Management, Team Management, Data & Delivery management, Infrastructure Management and GIS Implementation with an organization of high repute.

PROFESSIONAL OVERVIEW

⇨ **Seasoned Professional** with **nearly 17 years** of rich experience in Project Management, Applications Development, GIS Implementation and People Management.

⇨ ***Presently serving OmanTel, Oman Telecommunication Company, Muscat, Oman as Expert - GIS (Head of GIS Section).***

⇨ Adept in end-to-end development of products / projects from inception, requirement specification, planning, designing, implementation, configuration management, documentation and closure.

⇨ Experienced in coordinating, negotiating and motivating outside vendors and off-shore resources in support of time line and project deliverables.

⇨ Need assessment and preparation of IT/GIS blueprint for the organization.

⇨ Development and deployment of key execution strategies across multi domain GIS projects.

⇨ Distinction of executing consultancy projects for GIS implementation in Government and Private Organizations.

⇨ Actively involved in handling research, preparation and presentation of proposals for large / complex GIS project to external and internal customers; presented many papers in GIS Forum, Seminar, Magazines, etc.

⇨ Deft in interpreting imagery into meaningful image-objects, and assessing their characteristics through spatial, spectral and temporal scale.

⇨ Proactive measure to meet users expectation and Preparing result oriented Request for Proposals (RFP) and Request for Inf. (RFI).

⇨ Adept in understanding imagery to shapefiles, coverages, global positioning system points, or reference images & performing image enhancement.

PROFESSIONAL EXPERTISE

MANAGERIAL

⇔ Understanding the business requirement analysis, architecting and designing of the solutions, development of the solutions, testing and deployment.

⇔ Analysis and coordination with Contractor to maintain the project performance and keep the project budget under control.

⇔ Coordination and framing of data sharing agreement with various ministries to share common GIS data.

⇔ Framing of annual GIS Budget requirement and Presentation of new GIS Enhancement project cases to Omantel-Board for approvals.

⇔ Preparation of GIS related Tender, Evaluation and Finalization of vendors for the same.

⇔ Leading the team members, resource allocation, recruiting & mentoring the junior team members during the project completion.

⇔ Conducting review meetings to monitor project progress, budgets, and ensuring timely completion and delivery of the project.

FUNCTIONAL

⇔ Designing, developing, testing, troubleshooting and debugging of the application; managing smooth implementation and testing of the application at various locations.

⇔ Overseeing post-implementation support, enhancement and maintenance support for application; extracting the meaningful information from images; mainly from digital images by means of digital image processing techniques.

⇔ Analysing the large amounts of data, for tasks that require complex computation, or for the extraction of quantitative information; studying the ground surveys, reports & updating digital databases of Geographic Information Systems (GIS); planning the layout and content of maps.

TECHNICAL

⇔ Platforms: MS DOS, Win 3.11, Win '95, Win '98, Win XP, Win NT, Win 2000, Windows 7

⇔ Languages/Solution: Map-Info, Geo-Media, G/Comm, SWAT, Arc-View, Arc-Info, Arc-GIS, Spatial Analyst, Network Analyst, Arc-Sde, ERDAS, AutoCAD Map, Tracer, Micro-Station, CAD-Overlay, Map Basic, Avenue, ARX, Lisp, etc.

ORGANISATIONAL EXPERIENCE

OmanTel, Oman Telecommunication Company, Muscat, Oman: Since Sep'04
Expert - GIS (Head of GIS Section)

Accountabilities
⇔ Carrying out technical consultation with Users and GIS vendors to evaluate system architecture, functional capabilities & requirements, customization efforts, ease of data conversion and software engineering.
⇔ Interfacing with Applications Director for devising long-term & short-term objectives and annual GIS budget.
⇔ Facilitating the continuous development of the GIS applications including components of the system database and system design.
⇔ Managing project, documentation, quality assurance and production training for the in-house GIS projects.

Notable Credits
⇔ Successfully handled Enterprise GIS Development including migration of CAD data to modern GIS.
   o It involved the implementation of Satellite Image Server, Interface of GIS with sales and marketing needs to capture subscriber request for service connection.
      ▪ Oversaw the management & tracking of network planning and implementation.
      ▪ Supervised the budget allocation as per design and as-built network development.
      ▪ Ensured the confirmation of same to finance, integration of enterprise GIS work flow, tracking of contractor job and payment status, etc.).
      ▪ Handled the development of Fiber GIS model for Omantel, addressed the TRA requirements for map development, coordination & tie-up with Local Ministries like Supreme Committee of Town Planning, Ministry of Housing and Municipality for GIS Data Sharing.
      ▪ Accountable for developing the application for generation of different business report to meet inter-departmental SLA based on enterprise GIS data, etc.
⇔ Significantly mentored medium size team of GIS professional, handled Disaster Management Program of Omantel during major cyclone occured in Muscat and established the network fast based on GIS application.
⇔ Actively participated and presented:
   o *Omantel in 1st GIS Forum organized by Sultan Qaboos University in Muscat, Oman which showed how Enterprise-GIS in Telecom Sector were effectively implemented in Omantel.*
   o *Omantel in 2nd GIS Forum organized by Sultan Qaboos University in Muscat, Oman, which showed Omantel approach for LBS-GIS in Telecom.*
   o *Omantel in 3rd GIS Forum organized by Sultan Qaboos University in Muscat, Oman, which showed Omantel approach for Enterprise-GIS in Omantel.*
⇔ Successfully executed various GIS projects including implementation and integration of G-Technology suite with Customer Service, Sales, Network Planning, Implementation, Installation and Finance Application.
⇔ Effectively carried out negotiations for GIS projects based on various parameter without altering project targets.
⇔ Steered efforts for understanding the future requirement of GIS clients and ensuring implementation of the same.
⇔ Instrumental in distinguishing the gap of GIS team to meet and addressing the future requirement of Omantel.
   o Coordinated major trainings and planned annual training and goals of GIS Team.
⇔ Actively attended The SQU Forum and ESRI User Conference in 2008.
   o The same has been commended by Oman communication ministry in the local newspapers.
⇔ Vendor delivered the major GIS project successfully to address over 250 exchanges intelligent data and current GIS application.

Birla Technical Services, C.K. Birla Group Company, Delhi, India: Apr'02 – Sep'04
Consultant - GIS (Head of GIS Section)

Accountabilities
⇔ Managed the techno-consulting activities of GIS Division.
⇔ Oversaw various GIS / remote sensing for Basic Telephony, Cellular, Agronomy Sector, Power Distribution, Vehicle Tracking Project and Real Estate sectors.
⇔ Formulated the bid documents for client approval.

Notable Credits

⇔ Actively involved in preparing bid documents, many of which got selected and rated as T-1 (Highly Technical).

⇔ Accomplished the prestigious project (client secret) for crop acreage management using remote sensing, field survey, secondary data and GIS application.

⇔ Holds the credit of presenting papers on:

- o *GIS Role in Utility Sector for M.Sc. - IT Student in Maharishi Dayanand College, Guru Gobind University, Delhi.*
- o *GIS Role in Enterprise Solution for M.Sc. - IT Student in South Campus, Delhi University, India.*
- o *Crop Acreage Estimation using Remote Sensing and GIS in Territory Management in Rice India Magazine and GIS Development Magazine.*

PREVIOUS ASSIGNMENTS

Pan American Business Solution (Pvt.) Ltd., Delhi, India   Mar'01 – Apr'02
Project Leader - GIS (Head of GIS Team)

R.M. Software India Pvt. Ltd. (RMSI), Delhi   Oct'98 – Mar'01
GIS Group Project Lead

Engineers India Limited - EIL (Contract with Graphic Point), Delhi, India   Jul'95 – Sep'98
Sr. CAD Designer- Civil Drawing

Goel Construction and Engineers, Delhi   Aug'94 – Jul'95
Site Engineer - Civil

PROFESSIONAL ACCOLADES

⇔ Consistently executed the projects within less than 30% of the actual time duration.

⇔ Gained outstanding annual appraisal performance throughout the professional career.

⇔ Effectively coordinated the Training Course for the End Users and Team Level Project based Training.

⇔ Actively involved in devising different kinds of GIS Solution methodology using the latest techniques.

⇔ Steered efforts for developing business opportunity in various Segment of Public, Private and Government sector.

⇔ Instrumental in developing GIS-GPS Solution for Power – Distribution Management (FMCG), Power, Telecom, Agronomy Services, Transportation & Car Navigation System, LIS System, Disaster Simulation System, Vehicle Tracking System, etc.

PROFESSIONAL ENHANCEMENTS

⇔ Project Management Training and Member of PMI - Project Management Institute.

⇔ ESRI Middle East & North Africa User Conference:

- o ARCMAP 10– 2009 – ESRI-MUSCAT-Oman.
- o GISWORX – 2009 – Dubai, UAE.
- o MEAUC – 2007 – Muscat, Oman.

⇔ GISTEC, Dubai:

- o Integrating ESRI and SAP Applications.
- o Tools for Wireless Network Operators.
- o Network Engineer Field, Design and Integration Assistant.
- o Network Engineer for Telecommunication Provider.

⇔ Member of Geo-Informatics' Society – Delhi, India and Vancouver, Canada.

⇔ AutoCAD Release – 13 Software Program Certificate - Autodesk Authorized CADD Centre, India.

⇔ Intergraph Middle East LLC:

- o Professional G/Communication Administration Training.
- o Professional Geo-Media User & Administration Training.

ACADEMIA

- **GISP (Certified GIS Professional)** from GIS Certification Institute**(GISCI), USA**
- **Principles and Practices of Real Estate (PPRE)** from Indian Institute of Real Estate **(IIRE), India** with distinction.
- **Masters in Geo-Informatics (M.Sc.-GI)** from Sikkim Manipal University, Manipal, **SMU-India** in 2010 with 76%.
  - o Gained Distinction in M.Sc. -Geo Informatics.
- Post Graduate Diploma in Rail Transport Management from Indian Rail Institute, Delhi, India in 1995 with high first Division.
  - o Known as Overall Topper in North Indian Region.
- **Diploma in Civil Engineering** from GB Pant Polytechnic (BTE, Delhi), India in 1995 with high first Division.
  - o Won Scholarship during Diploma in Civil Engineering.
- Bachelors Degree in Commerce from Delhi University, India in 1993.

PERSONAL DOSSIER

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