

## Rajesh R. Ambre

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**Seeking assignments in the GIS domain of Project Leader/Team Leader with an organization.**

### PROFESSIONAL OVERVIEW

- **A dynamic professional with over 20 years** of professional experience in the fields of GIS Technology, Data Building and analysis, execution of GIS based mapping, Parcel, and AM/FM utility (electric, water , gas & Telecomm)/facility projects and GIS Consultancy Projects.
- Adept end-to-end development of products/projects from inception, requirement specification, planning, design-ing, implementation, configuration management, documentation and closure.
- Hands on experience in executing **ArcGIS Arc FM** suites of Software's (**Arc Info, Arc Editor, ArcSDE,ArcFM**), mul-tiple GIS / CAD Software's like; Geomedia, FRAMME, AutoCAD, Micro station and Autodesk Vision.
- Hand on experience in Oracle DB pertains to SQL Query Building, QC scripting, Database designing, etc.
- Deft in interpreting imagery into meaningful image-objects, and assessing their characteristics through spatial, spectral and temporal scale.
- An effective communicator with expertise in communicating all levels of the organization.

### PROFESSIONAL EXPERTISE

#### Managerial

- ✦ Understanding the business requirement analysis, architecting and designing of the solutions, development of the solutions, testing and deployment.
- ✦ Leading members, resource allocation, recruiting & mentoring 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.
- ✦ Analyzing large amounts of data, for tasks that require complex computation, or for the extraction of quantita-tive information.

### ORGANISATIONAL EXPERIENCE

**Oct 18 to Till date ; with Rolta India Ltd., Mumbai, as a Project Lead (Natural Power Gas Project)**

#### Accountabilities:

- ✦ Overall Project Management.
- ✦ To interact with customer and maintaining the delivery schedule.
- ✦ Preparing the document's for Process flow, Work Instruction & Check list for all Projects.
- ✦ Tracking the status and quality of teams and giving feedback to them about their quality.
- ✦ Updating the status and preparing plan for coming weeks.
- ✦ Developing in-house tools to increase efficiency of the Production team.
- ✦ Monitoring the Progress (Actual Vs Targeted). Developing the team and keep them motivated.

**May 15 to Sep 18; with Rolta Middle East Ltd., Sharjah, as a Team Lead (Survey Town Planning Dept)**

#### Accountabilities:

- ✦ Overall Project Management and generate maximum revenue
- ✦ Understanding of Client requirements Interact with customer and maintaining the schedule.
- ✦ Preparing the document's for Process flow, Work Instruction & Check list for all Projects.
- ✦ Tracking the status and quality of teams and giving feedback to them about their quality.
- ✦ Updating the status and preparing plan for coming weeks.
- ✦ Developing in-house tools to increase efficiency of the Production team.
- ✦ Monitoring the Progress (Actual Vs Targeted).
- ✦ Developing the team and keep them motivated.

**June 11 to May 15; with Rolta India Ltd., Mumbai, as a Project Lead (Natural Power Gas Project)**

**Accountabilities:**

- Overall Project Management.
- To interact with customer and maintaining the delivery schedule.
- Preparing the document's for Process flow, Work Instruction & Check list for all Projects.
- Tracking the status and quality of teams and giving feedback to them about their quality.
- Updating the status and preparing plan for coming weeks.
- Developing in-house tools to increase efficiency of the Production team.
- Monitoring the Progress (Actual Vs Targeted). Developing the team and keep them motivated.

**June'06 to 'May 11; with Rolta India Ltd., Mumbai, as a Project Lead**

**Accountabilities:**

- Worked for the setup & Pilot for various conversion & Migration of utility & GIS projects.
- Filled tenders, working on RFP submitted to customer drawing estimates and submitting reports to sales team.
- Prepared schedule and did the setup for production team and helped them to improve the productivity of the production team.
- Communicated with client for any specification changes and implementing in Projects.
- Solved clients queries and demands on final loading into production.

**Jul'03 to Nov'06; with Rolta India Ltd., Mumbai, as a Team Lead**

**Accountabilities:**

- Initiated duty to solve issues of other team member.
- Handled production teams for various conversion & GIS projects.
- Conducted project co-ordination, planning, scheduling, and maintaining weekly production, daily backups, status and weekly production meetings.
- Provided technical support to team and worked out for the development in process to improve productivity.
- Developed SQL script and macro in microstation to help to increase the productivity and quality of team.

**Sep '96 to Jun'03; with Rolta India Ltd., Mumbai as a Production Executive**

**Accountabilities:**

- Completed production job assign and achieved the daily targets.
- Executed post digitization & solving errors related to database using SQL plus.
- Handled database modeling & normalization and data loading / backups.
- Developed Translator for migrating Micro station facilities in ENOM Format (Database)
- Wrote SQL scripts for database quality check and macros to enhance production quality.
- Involved in Pilot and benchmark projects time to time.
- Draw estimate and process flow for projects and delivered the pilot.

**Notable Credits:**

- Steered efforts from pilot works to final deliveries of MOPTT(Telecom) Saudi Arabia OMANTEL,PEC, TELUS, VERIZON, NGRID (USA), (PEC) GUC, Manitoba Hydro electric CANADA.LGE Electrical USA, R-APDRP (Punjab, India)

**May '95 to Aug 96; with Print Electronics Enterprises. Mumbai as a Service Engineer**

- Production In-charge in Puch card reader machine organization.
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## **KEY PROJECTS ACCOMPLISHED**

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### **Sharjah Survey and Town Planning Dept (Sharjah UAE)**

The project involve surveying and date migration into SDE platform from various sources like dgn and AutoCAD received from various departments like Survey, planning. Parcel mapping attribute updating consumer data. Maintaining data quality and backup. Taking feedback from customer and implementing and taking data acceptance planning from Invoice billing and meet delivery schedule to generate Quarterly and yearly revenue. Meeting with client for further project extensions.



### **CPS Backlog Electric Posting. ,USA**

The project involves editing of Electrical network having Underground, Overhead network and features. Network and it's features were built in ArcSDE data with netjunctions and editing was done by creating session,session reconcile,posting. Various tools of ArcGis Software were used to edit the data. Editing task involved new feature placement,editing of existing features,data base updation of attributes,Phase Trace by tracing tool, used various database queries to find out the feature base ,attribute base error to update proper records.



### **NGRID (USA)**

The project involved the Migration of Utility features form the FRAMME (DGN & Oracle Database) format to the ESRI ArcSDE Geodatabase Environment. Involved with development of the tool for the migration of the CAD features to the ArcSDE GeoDatabase feature classes as per Data Source Matrix. Geodatabase designing as per Data Source Matrix provided by Client. Linking of the Attributes from the Oracle environment via analysis. Managed various version data in SDE environment. Validated Domain, relationship, subtype and DBQC in ArcSDE extension Laurel Hill.



### **BELL ALIANT (Canada)**

The project involved conversion of Telecom paper sources into intelligent graphics that has database connectivity to various other features & create seamless telecom network. Final deliverable was in CABLE CAD GIS environment.



### **City Utilities, Springfield, (USA)**

The project involved Source Data Validation, Analysis and Generating reports. The Migration of digital data from AutoDesk MAP to the ESRI ArcGIS Geodatabase. Creation of Geodatabase schema and relationship classes as per Data Source Matrix. Development of ArcObjects routins to migrate features from Shape files, CAD Annotation data to ESRI ArcGIS Personal Geodatabase. Data validation / QC tool development.



### **PEC Chicago, (USA)**

The scope of this project was migration of Gas features from DGN & Oracle Database Environment to ESRI ArcSDE Geodatabase format using GeoMedia as intermediate platform. Created the Geodatabase schema and the relationship classes as per Data Source Matrix. Data Validation and analysis of the migrated features. Checked the network connectivity and correction of discontinuous network. Traced gas networks that are involved in energizing the gas equipment.



### **Nisource- Bay state(USA)**

This project contract is to convert approx. 17, 7,650 features, which is consists of 20 Municipalities of Bay state USA. The input sources are the Gas tiff files and referenced Land base files available in PGDB format. All the gas maps show the Gas network with dimension information. Our scope is to do precession placement for all the gas networks with respect to the provided Land base feature. We perform the production activities with Microstation with RGMS environment and delivered data in supplied PGDB data model and GDB.



### **VERIZON (USA)**

The project involved conversion of Telecom paper sources into intelligent graphics that has database connectivity to various other features & create seamless telecom network. Final deliverable was in IDDS GIS environment.



### **LGE ELECTRIC (USA)**

The project involved conversion of vector and paper sources into intelligent graphics that has database connectivity to various other features & create seamless electrical network. Final deliverable was in EDIF GIS environment.



#### **TELUS TELECOM (USA)**

The project involved conversion of Telecom paper sources into intelligent graphics that has database connectivity to various other features & create seamless telecom network. Final deliverable was in FRAMME GIS environment.



#### **GUC- GREENVILLE UTILITY COMMISSION (USA)**

The project involved the Data conversion, Image registration and Data migration. Executed the development of the tool for the conversion of CAD features to the ArcGIS GeoDatabase feature classes as per Data Source Matrix using multiple sources (Database, DGN file and as-built records). Validated domain, relationship, subtype and DBQC in ArcSDE extension Laurel Hill.



#### **MDU- MONTANA DAKOTA UTILITIES Co., North Dakota (USA)**

The project involved the Data conversion, Image registration and Data migration. Executed the development of the tool for the conversion of CAD features to the ArcGIS GeoDatabase feature classes as per Data Source Matrix using multiple sources (Database, DGN file and as-built records). Validated domain, relationship, subtype and DBQC in ArcSDE extension Laurel Hill.



#### **OMANTEL (Oman)**

An another high profile AM/FM project to Convert around 30,000 Telephone Network paper plans to the Digitized Plans system (GIS based) through Intergraph's FRAMME. This mapping system involved registering the converted digital data to 1m satellite images of corresponding regions to ensure correct geo location using IRAS/C and MGE Projection Manager. Involved in various project activities like data setup till final delivery to the client on time.



#### **MOPTT (Saudi Telecom)**

One of the largest telecom conversion contracts ever awarded. Rolta successfully accomplished this AM/FM project to convert around 35000 hand drawn network paper drawings as STC's initial conversion and expansion Project including FOC Junction/CAN and Long Distance Telecom cable networks to the Digitized Plan System, using Intergraph's FRAMME and MICROSTATION. Completed output was analysed through a Quality system for proper functioning. The existing network paper plans were registered to the actual Relocation and converted into digital AM/FM data for network management.

### **ACADEMIA**

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**Diploma in Electronics Engineering** from Board of Technical Examinations, Mumbai 1995



**Advance diploma in Computer software system analysis and applications.** from Board of Technical Examinations Mumbai 1996

### **PERSONAL DOSSIER**

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<b>Date of birth</b>	:	<b>10<sup>th</sup> December 1971</b>
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		<b>Issued Date : 12-Apr-2011</b>
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