

*Rolta India Ltd.  
Rolta Center - 1  
MIDC  
Andheri (E), Mumbai – 400 093  
[rajgeo@gmail.com](mailto:rajgeo@gmail.com)  
Mobile +91 9819545215*

## Rajesh Kumar Mamidipaka

---

### *Objective*

Seeking a challenging career as a Software professional and excel in Information Technology. Attain high caliber skills in the relevant field. Working in a competitive environment, which provides me challenges and accomplishing the same in stipulated time.

---

### *Summary*

- 1 year of IT experience.
- 3.0 + years of GIS and Remote Sensing experience.
- Developed PL/SQL Scripts for Auto checking the Database, Used Procedures, Functions, and Triggers in these Scripts.
- Have been working on various GIS software's viz. ArcGIS 9.0, ArcInfo, Geo Media, Microstation (8.1), and Image Processing software's viz. ERDAS (8.7), ENVI (4.5).
- Self-motivated individual with a strong sense of responsibility, excellent communication, & interpersonal skills.

### *Computing Skills*

Data Base Languages	Oracle 9i, and MS-Excel
GIS Software's	PL/SQL
Image Processing Software's	Arc Info 7.2.1, Arc View 3.1, ArcGIS 9.0, AUTOCAD 2005, Microstation 7.1 and Geomedia etc.
Hands on Experience	(ERDAS) Imagine 8.6, ENVI 4.0 GPS Trimble

---

### *Education*

2004 **M.Tech in Remote Sensing & Geo-Informatics**  
Bharathi dasan University, Tiruchirappalli, Tamil Nadu  
Obtained 81.3% overall marks. Achieved distinction at University level.

*Project Title* "Morphotectonic Investigations and Applications of Luni River basin, Western Rajasthan using Remote Sensing and GIS Techniques". Carried at Space Applications Centre (ISRO), Ahmedabad.

2002 **M Sc (Tech) in Applied Geology**  
Andhra University, Visakhapatnam, Andhra Pradesh  
Obtained 80% overall marks. Stood 1<sup>st</sup> in class and achieved distinction at University level.

*Project Title* Mineral Exploration and Reserve Estimation of Crysoberyl at Kusumagaruvu Village of Pedabayulu Mandal, Visakhapatnam District, Andhra Pradesh

1999 **B Sc Physics, Chemistry and Geology as Ancillary Subjects**  
Andhra University, Vizianagaram, Andhra Pradesh, India  
Obtained 83.3% overall marks. Stood 1<sup>st</sup> in class and achieved distinction at college level.

**Experience**

**June 2006 – Till date      Rolta India Limited, Mumbai**  
*Designation: Senior Executive*

Projects: **Hydro\_Ottawa (presently working)**

Period: 10 Months.

A Project of Developing GIS Software for Electrical network using Oracle as database.

**Database Used:-Oracle 9i.**

**Software's using: Microstation 8.1, Geomedia, GTech (GE), and ArcGIS 9.0**

Team Size:-5

**Responsibilities Performed:-**

Developed Sql Check Scripts for Database check as per Specifications of Clients.

Developed Pl/Sql routines for Database Check as per Specifications of Clients.

Developed Pl/Sql-Procedure, Functions, Triggers for Auto Updating of attribute Values.

Developed Pl/Sql Scripts to check the Daily Work quantity.

**June 2004 – May 2006      Indian Institute of Technology Bombay, Mumbai**  
*Designation: Research Assistant*

**Projects:**

**1. Geological, Geotechnical Investigation and Monitoring of Amiya Landslide, Kumaun Himalaya using Remote Sensing and GIS Techniques. Sponsored by Department of Science and Technology, Govt. Of India, New Delhi.**

Period: 2 years.

**Software's used: ArcGIS (8.3), ArcInfo, ERDAS (8.7) Imagine, AutoCAD 2004, ENVI (4.5)**

Team Size:-3

**Responsibilities Performed:-**

Developed various thematic maps viz. geomorphology, structural, land use/land cover, drainage from satellite data (IRS 1C/1D LISS III, PAN) and topographical maps. Developed landslide hazard zonation map by integral studies.

**2. Identification of Palaeochannels in an extended Thar Desert. Sponsored by ISRO.**

Period: 6 months.

**Software's used: ArcGIS (8.3), ArcInfo, ERDAS (8.7) Imagine, AutoCAD 2004, ENVI (4.5)**

Team Size:-2

**Responsibilities Performed:-**

Developed various thematic maps viz. structural, drainage from satellite data (IRS 1C/1D LISS III, PAN, IRS-P4) and topographical maps. Developed paleochannels map by integral studies.

**Aug 2003 – Apr 2004      Space Applications Center (ISRO), Ahmedabad, Gujarat**  
*Designation: Project Associate*

***Projects:***

**1. Morphotectonic Investigations and Applications of Luni River basin, Western Rajasthan using Remote Sensing and GIS Techniques.**

Period: 1 year

**Software's used:** ArcGIS (8.3), ArcInfo, ERDAS (8.7) Imagine, AutoCAD 2004, ENVI (4.5)

Team Size: 2

**Responsibilities Performed:-**

Developed various thematic maps viz. geomorphology, structural, land use/land cover, drainage, hydrological from satellite data (IRS 1C/1D LISS III, PAN, IRS-P4) and topographical maps. Developed Groundwater recharge zones, Tectonic map of the area by integral studies.

***Honor's and Awards***

- **Awarded prize for standing 1<sup>st</sup> in order of merit in Geology and Chemistry in B Sc. 1999**
- **Awarded Gold Medal for standing 1<sup>st</sup> in order of merit among the department in M.Sc (Tech) Applied Geology 2002**

***Publications***

**Had 20 publications includes research papers, articles (international magazines), and international conferences.**

**Reviewed manuscript journals:**

**Reviewed more than 5 international journal research papers and articles.**

***Professional bodies***

- Member, International Association of Hydrologists (IAH)
- Life Member of the Indian Society of Remote Sensing (ISRS)
- Life member, Indian Society of Geoinformatics (ISG)

***Personal Details***

Date of Birth: 01<sup>st</sup> August 1979

Nationality: Indian

Passport No.: F4533374, Mumbai

Sex: Male

Marital Status: Single

This document was created with Win2PDF available at <http://www.win2pdf.com>.  
The unregistered version of Win2PDF is for evaluation or non-commercial use only.  
This page will not be added after purchasing Win2PDF.