

## **Ramya M B**

C-94, Assotech Windsor Park, Vaibhav Khand,  
Indirapuram, Ghaziabad, Pin - 201010

+91-8527857755

[ramyambv@gmail.com](mailto:ramyambv@gmail.com)

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### **SKILLS**

GIS	Web GIS Programming using ArcGIS API for Silverlight. Co-ordinating mobile GIS programming using ArcGIS API for JavaScript. Basics ArcGIS Web App Builder (Developer), ArcObjects programming, Object Model Diagram, ArcGIS Server, ArcSDE and elements of Geo-database.
REMOTE SENSING	Basics of remote sensing, image interpretation, digital image processing using ArcGIS and ERDAS Imagine software. 3-D modelling and virtual GIS using ERDAS Imagine Software. Applications of Remote Sensing in Humanities and Social Sciences.
PROGRAMMING	.Net programming using C#, Visual Basics 2010
DATABASE	SQL Server, Basics of database, sql queries, normalisation up to BCNF.

### **EDUCATION**

Degree	Institution	Duration
B.E, Electronics (68%)	Dayananda Sagar College of Engineering, Visvesvaraya Technological University, Bangalore	September 2001 - June 2005
MTech, GIS	NIIT University	April 2012 – May 2014

### **EXPERIENCE**

**National Informatics Centre GIS and RS Div** (Hired Manpower Resource)

**Contracted from Velocis**

**5<sup>th</sup> May 2015 to 12<sup>th</sup> Aug 2016**

**Contracted from IAP**

**1<sup>st</sup> Oct 2013 to 31<sup>st</sup> Mar 2015**

*Role:* Senior Programmer

*Responsibilities:*

1. Worked on web GIS application for Census 2011 data that integrates spatial

data on ArcGIS server with attribute data on SQL Server and creates thematic maps dynamically. Technology used is Javascript and ASP.NET. The data is up to village level.

2. Geodata Analysis for villages for various facilities like schools, banks, etc.
3. Project Co-ordinating for mobile GIS application to capture important point locations and storing on ArcGIS Map Server.
4. Learning ArcGIS Web App Builder Developer to build custom widgets/themes.
5. Worked for **Ministry of Urban Development** – Built a web GIS application by integrating ministry attribute data with GIS map services. Technology used is ArcGIS Map Server, Silverlight API, C#, SQL Server.
6. Enhancing the web service used for Agmarknet data mapping.
7. Web GIS application using Silverlight API to integrate Census 2011 data with GIS map service data.
8. Application Development using C# on VB 2010 to display village level information of latest Census data collected.
9. Giving training to interns and trainees of GIS Data and Application.

#### **NIIT GIS (ESRI)**

**Jan 2013 – Sep 2013**

*Role:* Intern

*Responsibilities:*

1. Bug Reproducing and Fixing on **Arcfm** tool for the client **Telvent**
2. Development
3. Taking Training on **Web GIS programming** using Flex API and Silverlight.
4. Worked for **Reliance Infocom Ltd** on **ArcGIS Workflow Manager**.

#### **ANZ Bank, India (OTSS)**

**Sep 2008 – April 2011**

*Role:* Functional Test Analyst/ Developer

*Responsibilities:*

1. Impact Analysis, Risk and Issues Assessment.
2. Test Design Preparation, Master Test Plan, Detail Test Plan preparation. System Testing, System Integration Testing and Verification.
3. System Testing involved Progression Testing and Regression Testing.
4. Defect management using QC.
5. Building of new End to End Test region.
6. Design, development, unit testing and system testing for various change requests in Hogan CIS and IDS systems.
7. Production support (volume testing and loading of production data)

#### **Infosys Technologies Ltd**

**Dec 2005 – Aug 2008**

*Role:* Mainframe Developer from December 2005 to August 2008

*Responsibilities:*

1. Impact Analysis, Preparation of Detail Design/Component design specifications
2. Peer Reviews, Coding, Code changes
3. Preparation of Test Plans, Unit testing, Integration testing.
4. Single point of contact for the onsite team for a period of time.

## **PUBLICATIONS**

### **Working papers:**

1. Ramya M.B., 'Cartographic visualisation of census housing data of Rajasthan', (under preparation).
2. Ramya M.B., 'Change Detection of stable night lights in Bangalore City to understand the spatial expansion of urbanisation'. (Under preparation).

## **AWARDS and ACHEIVEMENTS**

1. ESRI Inc. has awarded me a scholarship to study MTech GIS in NIIT University from April 2012. I cleared an online psychometric test and an interview conducted by NIIT University and ESRI India officials to receive this scholarship.
2. During my work experience in ANZ Bank, India (OTSS) I have received two awards from my organisation for striving performance and exceeding client expectations.
3. Topped in MTech GIS 1<sup>st</sup> and 2<sup>nd</sup> semester.
4. Secured a CGPA of 4.7/5.0 in Infosys Comprehensive Training.
5. Received the award for Best Student in Mathematics in Class X.

## **REFERENCES**

1. Ajay Kumar Pathak, NIC, Govt of India.  
Phone Number: +91 9818830799  
Email: [kumar.a@nic.in](mailto:kumar.a@nic.in)
2. Dr. Parul Srivastava, Faculty in NIIT University.  
Phone Number: +91 7737914572  
Email: [Parul.Srivastava@niituniversity.in](mailto:Parul.Srivastava@niituniversity.in)
3. Dr. Prasad Avinash Pathak, Former Faculty in MTech GIS, NIIT University, Ph No: +91 8130802151,  
He was the GIS Programming and Geostatistics faculty in NIIT University. Now he teaches in Shivnadar University.
4. Srikanth Agnihotri, Manager, ANZ Bank India (OTSS),  
Email: [shri.agni@gmail.com](mailto:shri.agni@gmail.com). I worked under him in ANZ bank.