

## CURRICULUM VITAE

NAVEEN KUMAR.SIDDA

Contact no: +919985235289.  
e-mail: naveensidda@yahoo.co.in.

---

### **Professional Experience:**

Company:HyIT.

Client: Google

Current designation:Team lead, Geo-content.

Duration:02-04-2009-till date.

### Core Responsibilities:

- Follow a strategy to maintain Quality & Strengthen policy knowledge.
- Building QC Team and framing QC protocols, templates, OKRs. Learn expertise on Policy Issues.
- Perform internal audits in accordance with our quality management system.
- Perform a significant role in the development and revision of policies and qc protocols with an emphaise on increseaing efficiency and quality.
- Lead technical writing and document control activities.

### Geo QC Team Lead responsibilities:

- Provide technical Geo data support for production and quality team.
- Helping the engineering team in design and development of internal dynamic Quality Dashbaord, using internal issue system and concepts of FLEX , allowing for a qucik insight of the quality.
- Collaborate with the USA ex-pats for the quality ratings and ETA for all the process.
- Coordinate with the training team for the documentation for Core team members; provided several group refresher training sessions to the team.
- Identify data errors and issues with data, problem solve and quality feedback of data to the individuals.
- Conduct weekly meetings with production and quality team to co-ordinate and discuss the weekly status and quality ratings.

Company: Google.

Designation: Quality team lead.

Duration:15-09-2006 – 30-6-2007

### Responsibilities:

- Defining the process flow.
- Validation of data and process
- Quality Checking.
- Reporting and documentation of the quality and the process
- Creating of check lists and query-logs.
- Reporting/fixing of bugs.
- Follow-up on the related quality issues and bugs

*Non-Project Accomplishments at Google.*

- Mentored another 2 new hires.
- Explained the process of Google Geo-content Quality Check to David Fischer, Vice president of Google.

**Education:**

Post-graduation

Masters in Geo-information science and earth observation (January,2009)

Specialization-Geo-informatics.

International Institute of Geo-information and earth observations (ITC), Enschede, the Netherlands.

*Course content:* Advanced GIS, Advanced remote sensing, Arc objects, Database management, spatial databases, spatial data quality, Cartography and visualization of maps, Framework for generation and management of spatial data, Geo information management (GFM), Research skills and development, Web GIS.

*Research interests:* Spatial databases, Data quality, Open source technologies, Visualization, SDI's.

*Thesis*

Title: “A framework for the management of the spatial data quality.”

Objective: To organize and communicate the quality information of a spatial dataset, at different levels of details to the user using the concepts of dashboard and SOLAP (Spatial on-line analytical processing) tools in a web environment.

Secondary objective: To compare the data quality report from the tool to metadata report from Geonetwork.

All the data quality parameters used in the data quality tool is according to the ISO 19138 standards and the template used in the Geonetwork is as well ISO 19138.

*Technologies used:*

- AutoCAD Mapguide 2009
- Microsoft SQL sever –database
- Microsoft .NET framework
- Microsoft internet information services (IIS)
- Windows server 2003
- Geonetwork-open source

Under-graduation:

Andhra University, Visakhapatnam, India.  
Bachelors in Civil Engineering.

*Civil Engineering Project*

|             |  |   |
|-------------|--|---|
| Title       | Analysis of black spots in accident prone areas. |   |
| University  | Andhra   |   |
| Role        | Team Leader                                      |   |
| Duration    | 01-01-2006 – 01-06-2006                          |   |
| Team Size   | 5  | Module: Transportation and GIS  |
| Environment | Software   | ILWIS(Integrated Land and Water Information Systems),AutoCAD<br>O/s : WinXP |

*Project Description:*

The objective of the project is evaluation of black spots in accident prone areas. It involves surveying using total station in major areas of Visakhapatnam. We have collected the accident data from the traffic police of the city. The Complete traffic data collected with the Road data existing are geo referenced and converted to shape file format. Eventually made analysis and reported for the root cause of accidents in that area.

*Contribution:*

As a Team Leader was responsible for

- Data Collection.
- Interaction with the Team
- Specification Creation

Work flow designing and involved in all phases of work

**Education (basic):**

IPE (Intermediate public examination)  
ICSE (Indian certificate of secondary education)  
St Ann’s School, Visakhapatnam, AP.

### **Software Profile:**

*O/S* : Windows 98, Windows server, Linux-ubuntu.

*RS/GIS*: AutoCAD Mapguide 2009, Arc GIS

9.0, QuantumGIS, ArcIMS,

ERDAS9(LPS), ILWIS, JUMP

*Surveying*: Total Station, GPS, DGPS

*Packages*: MS-Office, OpenOffice.org, Google docs and spreadsheets.

*Languages*: Conversant with Linux Shell Scripting, VB.net

*Web Technologies*: HTML, Dream weaver

*Databases*: Enterprise Architect(UML), PostgreSQL (postGIS), Geonetwork, Spatial ETL Tool (FME), Microsoft SQL Server, Oracle spatial and Google Fusion tables.

Exposure to all metadata standards, Spatial data infrastructure (SDI).

### **Other Stuff**

- Guest lecture on “Principles of spatial databases” for M.Sc and Foreign students, India Institute of Remote Sensing which is part of Indian Space Research Organization(ISRO).
- Assisted post-graduate student of University of Dundee in thesis dissertation on the topic “A Web prototype for disseminating forest fire data using Map APIs.” In process of submitting the work to scientific journal.
- My research work got accepted for GSDI(Global Spatial Data Infrastrucutre) oral presenatation 12<sup>th</sup> World Confernce in Singapore.

### **Publication**

A framework for the management of spatial data quality information, Naveen kumar Sidda, Sameer Saran, Ivana Ivanove, P.L.N Raju and V.K. Dadhwal, Journal of Geomatics, Vol 4, No.2, October 2010.

### **Miscellaneous:**

- Overseas experience:Master degree in Netherlands.
- Travel: Europe continent, 9 countries.
- US valid VISA.
- Interests: Shopping, traveling, exploring, movies, food.

### Personal Profile:

|                        |  |
|------------------------|--|
| <b>Name</b>            | S.NAVEEN KUMAR   |
| <b>Father's Name</b>   | S.KASI RAO   |
| <b>Date of birth</b>   | 2 SEPTEMBER, 1984  |
| <b>Nationality</b>     | INDIAN   |
| <b>Marital Status</b>  | SINGLE   |
| <b>Passport No:</b>    | F6799300   |
| <b>Contact address</b> | Flat no:208, Varalakshmi<br>Nilyam,Gopalpatnam,Visakhapatnam,A.P., India.<br>e-mail: royalcivil45@gmail.com, naveensidda@yahoo.co.in |

### Reference:

- 1) Dr. Ivana Ivanova  
Geo-information processing  
Enschede, ITC Netherlands  
mail id: ivanova@itc.nl.
- 2) Mr.P.L.N Raju  
Scientist/Engr. 'SF'  
Indian space research organization(ISRO)  
In charge, Department of Geoinformatics  
IIRS, Dehra Dun, India  
mail id: raju@iirs.gov.in.
- 3) Dr Sameer saran  
Scientist/Engr. 'SD'  
Geoinformatics division  
Indian space research organization(ISRO)  
IIRS, Dehra Dun, India  
mail id: sameer@iirs.gov.in.
- 4) Mr.K..Ram Mohan Rao  
Scientist/Engr. 'SD'  
Geoinformatics division  
Indian space research organization(ISRO)  
IIRS, Dehra Dun, India  
mail id: rammohan@iirs.gov.in.
- 5) Dr P.Jagadeshwara Rao  
Professor for Geo-engineering  
&Center for Remote sensing  
College of Engineering,Andhra University  
Visakhapatnam-530 003,AP,India  
mail id: pjr\_geoin@rediffmail.com.