Aparna Dubey

Data / GIS Analyst

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✉ aparnadubey92@gmail.com

WORK EXPERIENCE
2 Year

AGE
27

OBJECTIVE

Expecting a challenging and dynamic career in DIGITAL CARTOGRAPHY AND GIS where I can apply my knowledge and development to work in a company with an effective environment conductive for personal success. Intellectual growth and career advancement and to achieve a position that would offer job satisfaction and channels for knowledge gained.

Education

P.G. Diploma in Digital Cartography
Jamia Millia Islamia, Central University, Delhi

2017
Marks 8.9 CGPA

M.A in Geography
Banasthali Vidyapith University, Jaipur Rajasthan

2016
Marks 73.65%

B.A. (Hons.) Geography
Dyal Singh College, Delhi University

2014
Marks 63.25%

Intermediate
Kendriya Vidyalaya, A.G.C.R. Colony

2011
Marks 69.35%

High school
Kendriya Vidyalaya, A.G.C.R. Colony

2009
Marks 69%

Career Highlights

- Highly effective and trained professional with 1+ year professional experience in GIS Domain.
- Experience in Vector Mode -Preparation of vector data- Digitization, Attribution, Geo Database creation, Topology built and othersand urban
- Assist with development and maintenance of GIS data resources to be utilized for public access of geographic data.
- Assist with the data gathering and compilation, Geographic Information Systems (GIS), GPS, mapping, and data analysis
- Perform varied data gathering and entry to create, maintain, display and update Geographic Information Systems databases, coverage, and linkages to various GIS databases.
- Produce accurate maps and other representations of data for public use and field work activity.

Core Competency

- Digital Image Processing
- Geo Referencing
- Satellite Image Layer Stacking
- Image Pre-Processing
- Image Transformation
- Image Classification
- Cadastral Mapping / Khasra Mapping
- Rectification of satellite Image
- Q.C and Q.A

- Map Composition
- Creation of Geo Database
- Topology Building and Editing
- Spatial and Non-Spatial Data Integration
- Geo Processing
- Vector Analysis
- Raster Analysis
- Data Management and Analysis
- Data integration

Strength

- Well versed with MS Office applications including Word, Excel, power point, outlook etc.
- Strong working ethics
- Creative problems solving & highly organized
- Quick Learner
- Flexibility and Adaptability
- Ability to prioritize effectively and attain set work objectives
- Capable of working within demanding time frames.
- Capable of working on multiple projects at a time.
- Capable of working independently with no or less supervision.
- Good Verbal & Non-Verbal Communication Skills

Software Skills

- ArcGIS Desktop
- ERDAS IMAGINE

- Google Earth
- Global Mapper
- MS Office

OTHER ACTIVITIES AND ACHEIVEMENTS

- ATTENDED 3 DAYS WORKSHOP PROGRAMME ON ''THEODOLITE, TOTAL STATION AND DGPS SURVEYING''.

- ATTENDED ONE DAY WORKSHOP ON ''GEOSPATIAL TECHNOLOGY FOR GOVERNANCE AND DEVELOPMENT'' ORGANIZED BY ISRO.

- CO-ORDINATE MEMBER AND COMMITTEE MEMBER IN ''CULTURAL EVENTS'' ORGANIZED BY BANASTHALI UNIVERSITY.

Training Experience

Associate with Engineering Colleges, Institute or university as a Guest Faculty to conduct Onsite training, Workshop, Practical and Theory Session on GIS & Remote Sensing.

Data Analyst
Here Technologies
Feb 2019 – till now

Company Profile:

HERE Technologies, Worlds' leading Location Data Company, is owned by a consortium of German automotive companies Audi, BMW, and Daimler. As an industry leader in Maps, Navigation & Location Services it enable people, enterprises and cities around the world to harness the power of location and create innovative solutions that make our lives safer and more efficient. It transform information from devices, vehicles, infrastructure and other sources into real-time location services that play a key role in how we move, live and interact with one another. At HERE, have opportunity to transform location data into innovative and useful products for the future. We already lead the industry in products that will quickly become indispensable, like digital maps, in-car navigation and near-real-time traffic information. We envision a world where location will power new technologies, enrich our everyday lives and truly power the Internet of Things. The HERE culture of innovation will help foster your exploration of endless possibilities.

Role and Responsibility:

- ✓ Perform admin data input processing and analysis.
- ✓ Perform Quality analysis in surveyed data from field.
- ✓ Coding in customized software.
- ✓ Perform POI integration activity based on the quality parameters.
- ✓ Perform customer issue analysis and GIS related activities and support.
- ✓ Perform high priority and change detection activities with help of probe and other source data.
- ✓ Participate in projects to develop improved map creation processes.
- ✓ JIRA operations
- ✓ 3D Projects, Providing team 3D resolution
- ✓ Source data input processing and analysis.
- ✓ QC of data provided by other Team
- ✓ Working on customized software.
- ✓ Provide support for Map Feedback and Map Jobs etc.
- ✓ POI integration in source evaluation.
- ✓ Data QC Report and Document preparation on Field Surveys.

Projects:

- ✓ Coding in Atlas
- ✓ JIRA operations
- ✓ 3D Projects, Providing team 3D resolution

GIS Engineer
SPAGEO Technologies Pvt. Ltd.
April 2018 – Feb 2019

Company Profile:

Spa Geo Technologies Pvt. Ltd. (Spageo) (an ISO 9001:2008 certified company) is one of the leading Geo Spatial Engineering/Engineering Design, Data Management and Geoscience Consulting consultancy in India. Over the last several years SpaGeo has been consistently working in the field of GIS/ IT across the globe. SpaGeo Group includes Consulting Geo Info System (CGIS) and SpaGeo Technologies Pvt Ltd (Spageo). The SpaGeo Group is a key Indian player in the G.I.S. arena. SpaGeo holds more than 10 years of experience in producing base Geospatial and IT technology used worldwide, in developing vertical applications holding a spatial component and in successfully deploying these solutions. SpaGeo group has a vast Experience in executing large international GIS projects. 85% of its activities are executed by SpaGeo abroad.

Roles & Responsibility:

- ✓ Geo Reference a map sheets and satellite images
- ✓ Create polygon shape file of an area of interest in Geo tiff map sheets,
- ✓ Generate an XML file of a Geo-tagged area which are include the country name, oil field, gas field, basin name and region name with bonding coordinate and their attributes.
- ✓ Extraction of maps from the articles
- ✓ Classification of extracted maps on XML
- ✓ Geo-referencing, Geo-tagging, Categorizing the maps from the defined rules
- ✓ Overlaying the Geo-referenced map on the shape file to fetch the required attribute data.
- ✓ Exploring Arc Catalog and Arc Map, Exploring GIS data.
- ✓ Assembling the databases, preparing data for analysis.
- ✓ Analyzing and presenting the results.
- ✓ LU/LC Mapping,
- ✓ Road Buffer Area Creation,
- ✓ Electrical Utilities (Transformers, Poles, Lamp Post, Street Light) Digitization, Park, Open Ground, Used and Unused Land Digitization, Fence Walls Digitization and Data Updating According To The Changes Attribute Table And Data Base File.
- ✓ Utility Survey, Property Survey and Mapping.

Job Performed:

- ✓ Master Plan / General Town Planning land use zoning, transport network and sites designated for various public purposes.
- ✓ Mapping administrative boundaries and locality maps of ULB jurisdiction, administrative and electoral wards, area/ block units used by census.
- ✓ Cadastral Maps, Revenue Maps showing Cadastral Boundaries
- ✓ Maps/ Engineering drawings of utilities like water supply, sewerage, storm, water drainage, solid waste disposal, roads and street lights along with the data available with ULB/ any other concerned Department.
- ✓ Data regarding municipal properties and municipality services like ULB owned properties, lay out palns, open spaces, parks and playgrounds, cremation and burial grounds, slaughter houses and cattle ponds with all the relevant details
- ✓ Services or utilities pertaining to State and Central Government offices and also government undertakings, railways and highways, all roads along with centerlines, post and telegraph offices, police stations, fire protection, primary & high schools, colleges, universities, primary health centers, hospitals, banks, theatres etc. also need to be located on the maps through field verification.
- ✓ Public utilities and services owned and managed by private sector like private hospitals, private schools etc.
- ✓ Existing land use categories like residential including slums, industrial, commercial and healthcare, educational, sports and recreation facilities.
- ✓ Property boundaries along with slum boundaries
- ✓ All features collected along with the necessary attributes that will be later used for annotation as well as for analysis
- ✓ Preparation of survey preformed for each of the layers to be generated.

GIS Trainee and GIS Executive
United Geosolutions
20 October 2017 – March 2018

Roles & Responsibilities:

- ✓ Create Categorization Data Base and link Survey data with that.
- ✓ Integration of Land base and Survey data
- ✓ Create Categorization database and create a link between GIS data and other software.
- ✓ Road Digitization
- ✓ Road Buffer Area Creation
- ✓ Data Updating according to the changes attribute table and data base file
- ✓ Database Creation.
- ✓ The project involved in digitization in Google Earth for all over India. To capture inter connecting Road network, Bridge, Coveter, Rail Crossing, Rail Bridge and Village Boundary.

Project Highlights

- **Madhya Pradesh Property Tax Project**

  Project cluster OO/09 & BB14 Directorate of Urban Administration & Development (UADD), Madhya Pradesh (High Resolution image GIS Mapping for 23 ULB photographs and existing maps and databases on 1:5000 for planning area & 1:1000 Scale Municipal area)

- **Land use Land Cover Mapping**

  Classification of major cities using ArcGIS and ERDAS software
  Creation of Thematic mapping using ArcGIS 10.2 and 10.4 software.

- **Hydrology Project**

  Morphometric Analysis on the basis of watersheds Madhya Pradesh Chhinddwara District, using hydrology tools in ArcGIS, Measurement of stream length etc.

- **Land base Projects**

  Road Buffer Creation, Data Updating according to the changes in attribute table and data base file (Database map Creation). The project involved in digitization in Google Earth for all over India. To capture inter connecting Road network, Bridge, Coveter, Rail Crossing, Rail Bridge and Village Boundary etc.

- **JIRA operations**

  Solving issues which are related to providing resolution and related location issue, Issue related to carto features of 2D and 3D

- **3D Projects**

Languages

- ✓ Hindi
- ✓ English

Personal Interests

- ✓ Reading Books
- ✓ Travelling
- ✓ Listening to music
- ✓ Dance

Personal Details

Father's Name	:	Anil Dubey
DOB	:	15 Aug. 1992
Nationality	:	Indian
Marital Status	:	Unmarried
Gender	:	Female
Permanent Address	:	10-B/16, Vasundhara, Ghaziabad, U.P.,201012

Declaration

I, Aparna Dubey, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

DATE   (APARNA DUBEY)

New Delhi