

Sagar Basak

GIS Expert

I am looking for a platform which enables me to obtain a responsible and challenging position that will utilize my academic achievements to expand my knowledge and create opportunities for personal and professional growth. Willing to do the job as a GIS Expert or GIS related jobs in a reputed company and apply all my skills and experience for the growth of the company.



Personal Info

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Date of birth

1993-07-25

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Software

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|-----------------|--------|
| Arc Map 10.5 | ●●●●●○ |
| QGIS | ●●○○○○ |
| Erdas | ●●○○○○ |
| Auto CAD | ●●○○○○ |
| Google Earth | ●●●●●○ |
| Map Info | ●●○○○○ |
| Adobe Photoshop | ●●●●○○ |
| M.S Office | ●●●●●● |
| Global Mapper | ●●○○○○ |



Experience

2018-11 -
present

GIS Expert

Yashi Consulting Services Pvt Ltd

Atal Mission for Rejuvenation and Urban Transformation (AMRUT),GIS based Master Plan of Haryana.

Providing basic services (e.g. water supply, sewerage, urban transport) to households and build amenities in cities which will improve the quality of life for all, especially the poor and the disadvantaged is a national priority. Composition of all utility data on GIS Platform and Design a decision support system, Ortho-rectification, Cadastral Mapping, GIS based Mapping of Road Network, Building Footprint Extraction and Land Use/Land Cover, Update the Existing Master Plan, Integrate the House hold survey data with Building Footprint Spatial Data.

Rectification of Cadastral Maps and Mosaic Village wise Raster and Vector Data, Integration with Spatial census data, GIS based mapping, Image Processing for extraction of vector layer, Generate ULB Data model, Generation Geo-database according to AMRUT guide line with Doman, Feature Extraction (Base layer Road Network, Building Footprint Extraction and Land Use/Land Cover) from high resolution satellite imagery (World View -2) as per standard of AMRUT Guidelines, Integration of Non spatial data (Utility) with spatial data (WV-2), Spatial Analysis, Data quality checks & Update Data. Topology creates & error removes, Data Base Compilation, Delivery data preparation for GDB, Map composition for District Local Body (DLB) and Town Planning Department (TPD),Haryana. Town Planning Data Updation, Map-Composition for Master Plan

2018-02 -
2018-11

GIS Executive

DWI Consulting Pvt.Ltd.(India)

1. Prepared Base-map (Varanasi & Lucknow).
2. Prepared Thematic-map (Varanasi & Lucknow).
3. Q.A & Q.C of vector data (Varanasi & Lucknow).
4. Work in improvement of Property tax collection (Varanasi & Lucknow).
5. Review and analysis of Data and reports.
6. Conduct, monitor and manage field surveys and any other data collection exercises.
7. Integrated City Development Plan: Samba (J & K).
8. Prepared Thematic-map Samba.

2017-11 -
2018-01

GIS Executive

E Map Analysis & Planning Software Pvt. Ltd for projects of DWI Consulting Pvt. Ltd.(India)

1. Digitization GIS based property tax survey for Varanasi & Lucknow.
2. Improvement in Property Tax Collections Lucknow.
3. Improvement in Property Tax Collections Varanasi.

2016-07 -

GIS Executive & Survey Team Leader

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|------------------|---|
| 2017-10 | <i>Geonex Technologies Pvt. Ltd. (Delhi).</i> |
| | 1. Prepare of GIS vector data (Nawada & Gaya city of Bihar). |
| | 2. Creation of road for navigation purpose & team lead (Hyderabad, Visakhapatnam). |
| | 3. GIS database established for the Nagar Palika (Nawada). |
| | 4. Maintenance of the GIS database & digitization (Nawada & Gaya city of Bihar). |
| | 5. Basics of Image processing like image subset, mosaic, enhancement and classification for Indian Landsat TM satellite data. |
| | 6. Also doing land-based survey of Hyderabad city and same project completed for Vishakhapatnam city. |
| | 7. Prepare of GIS vector data creation of road for the Indian state of Bihar, Jharkhand, Orisha and West Bengal for Navigation purpose. |
| | 8. Drainage and contour digitization for Watershed project of Bilaspur and Korban city of Chhattisgarh. |
| 2015-06 - | Vocational Training |
| 2015-08 | <i>Nadia Zilla Parishad</i> |
| | Design Engineer |
| 2014-12 - | Vocational Training |
| 2015-01 | <i>Krishnagar Sub-Division-II (P.W.D)</i> |
| | Site Engineer |



Education

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| 2012-08 - | Global Institute of Management and Technology (G.I.M.T) |
| 2016-07 | B.Tech in Civil Engineering First Class (6.93 GPA) |



Certificates

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| 2014-07 | "AUTO-CAD" |
| 2018-04 | "RS & GIS applications in Water Resources" |