

# **RESUME**

## **SK INSAN AHAMED**

S/O: SK Md Mahasin Ali  
Kurumba, Purbagopalpur,  
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### **PROFESSIONAL OBJECTIVE**

Looking for an entry into a world-class, highly professional Organization with a challenging and competitive environment, where I can use my knowledge base as well as a personal attribute to achieve the organizational goal.

### **PROFESSIONAL SUMMARY**

Good experience of practical in a range of satellite remote sensing data utilization, processing, interpretation, and analysis with emphasis on Forestry, Geomorphology, Hydrogeology, Crop Analysis, and Natural hazard, etc. Good experience in Image processing & Geographical Information System software.

### **EDUCATIONAL QUALIFICATION**

ACADEMIC EDUCATION	BOARD/UNIVERSITY	YEAR	DIVISION	Percentage of marks (%)
SECONDARY (10TH)	WEST BENGAL BOARD SECONDARY EDUCATION,	2008	1 <sup>ST</sup>	69.5
HIGHER SECONDARY (12TH)	WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION	2010	2 <sup>ND</sup>	59.6
GRADUATION (HONORS' IN GEOGRAPHY)	VINOBA BHAVE UNIVERSITY, HAZARIBAG, JHARKHAND	2013	2 <sup>ND</sup>	54.62
POST-GRADUATION IN REMOTE SENSING AND GIS (M.Sc.)	NORTH ORISSA UNIVERSITY	2015	1 <sup>ST</sup>	70.90

### **TECHNICAL SKILLS**

Digital Image Processing, GIS Software	Orth rectification, Erdas Imagine, Leica Photogrammetry Suite, Arc GIS, Arc Scene, Auto Cad Map. Google Earth, Adobe Photoshop,
Others Software	Garmin (Etrex), DGPS, Office application packages

### **SUMMER TRAINING**

Two months' Summer Training work on "The scheme of Prashashan Shahro ke Sangh Abhiyan in Sanchoe and Nokha. Preparation of layout, Khasra superimposition, demarcation and survey related works (DGPS/GPS/TS), slope class maps and Cadastral maps vectorization & geo-referencing, Land use land cover mapping." From **Metro survey services & construction, Jodhpur, Rajasthan.**

## DISSERTATION

Sixth months' academic project work on "Space-Based Information Support for Decentralized Planning (SIS-DP)- "Land use land cover mapping of Chandigarh on 1:10,000 Scale." from **Regional Remote Sensing Centre, West, NRSC / ISRO, Jodhpur, Rajasthan.**

## EXPERIENCE

Nearly **Five Years' Nine months'** experience in Geo-Information Technology especially in Photogrammetry, GIS, Remote Sensing mapping field. Hands-on experience in different natures of projects of Digital Photogrammetry and GIS.

## CURRENT STATUS

Working as a GIS Consultant at **Town Planning Department (TPD), Jaipur**, deputed by **Wipro Limited** Through iPeople Business Solutions Pvt Ltd from 28 May 2018 to Till date.

## PAST EXPERIENCE

- Working as a **Summer Training** at Metro Survey Services & Construction, Jodhpur, from 02-May-2014 To 02-July-2014.
- Working as a **Training** at **RRSC-W/ISRO**, Jodhpur, from January 2015 to June 2015.
- Working as a **GIS Executive** at **State Remote Sensing Application Centre**, Jodhpur, Deputed by GIS Consortium India Private Limited, Noida, from 6<sup>th</sup> July 2015 to 4th July 2016.
- Working as a **Project Assistance** at **BISR**, Jaipur, from 12<sup>th</sup> July 2016 to 2nd September 2016.
- Working as a **GIS Consultant** at the **Department of IT**, Yojna Bhawan, Jaipur, deputed by **Wipro Limited** Through **iPeople Business Solutions Pvt Ltd**, from 6<sup>th</sup> September 2016 to 27<sup>th</sup> May 2018.
- Working as a **GIS Consultant** at **Town Planning Department (TPD)**, Jaipur, deputed by **Wipro Limited** Through **iPeople Business Solutions Pvt Ltd**, from 28<sup>th</sup> May 2018 to Till date.

## EXPERIENCE DETAILS

Name of the organization		Metro Survey Services & Construction, Jodhpur, Rajasthan.
Designation		Summer Training
Worked With Different Projects		Project:- The scheme of Prashashan Shahro ke Sangh Abhiyan in Sanchoke and Nokha
Activities Performed		Preparation of layout, Khasra superimposition, demarcation and survey related works (DGPS/GPS/TS), slope class maps, and Cadastral maps vectorization & geo-referencing, Land use land cover mapping.
Period	From	02-May-2014
	To	02-July-2014 (2 Months)

<b>Name of the organization</b>	Regional Remote Sensing Centre, West, NRSC / ISRO, Jodhpur, Rajasthan.	
<b>Designation</b>	Project Assistance	
<b>Worked With Different Projects</b>	Project:- <i>Space Based Information Support for Decentralized Planning (SIS-DP)</i> -"Land use land cover mapping of Chandigarh on 1:10,000 Scale"	
<b>Activities Performed</b>	Block Triangulation of High Resolution (Cartosat-1) DEM Editing and Orth rectification, Merge Product Generation (Cartosat-1 PAN +LISS-IV Mx), Georeferencing Image to Image, Rectification of Topo-sheets, Land Use and Land cover (1:10,000 Scale), Image interpretation and analysis, Data quality checks & Update Data. Topology create & error remove, DataBase Compilation, Delivery data preparation for GDB, Map Composition	
<b>Period</b>	From	January 2015
	To	June 2015 ( <b>6 Months</b> )

<b>Name of the organization</b>	GIS Consortium India Private Limited, Noida.	
<b>Designation</b>	GIS Executive	
<b>Client</b>	State Remote Sensing Application Centre (SRSAC) Department of Science & Technology, Jodhpur, Rajasthan	
<b>Location</b>	Jodhpur	
<b>Worked With Different Projects</b>	<b>1)Project:</b> Cadastral Mapping of Tonk district, Rajasthan (Block wise) <b>2)Project:</b> Forest Mapping of Rajasthan (District wise) <b>3)Project:</b> Fodder Crop Analysis of Rajasthan (District wise) <b>4) Project:</b> FASAL Research & Development (Pulses Crop Analysis of Rajasthan, District wise).	
<b>Activities Performed</b>	Rectification of Cadastral Maps and Mosaic Village wise Raster and Vector Data, Spatial Adjustment of Vector Data, Forest Boundary Digitize, Data conversion: Shp to Kml, kml to Shp, Dwg to Shp, Image interpretation and analysis, layer stacking, Image registration, referencing and rectification, Mosaic and Subset, Image Classification (NDVI, Unsupervised and Supervise), Maintenance & Updating of Geodatabase, Base map updating and map creation into GIS.	
<b>Date of joining</b>	6 <sup>th</sup> July 2015	
<b>Date of leaving</b>	4 <sup>th</sup> July 2016 ( <b>1 Year</b> )	

<b>Name of the organization</b>	Birla Institute of Scientific Research(BISR), Department of Remote Sensing, Jaipur, Rajasthan	
<b>Designation</b>	Project Assistance	
<b>Project</b>	1.Cadastral Mapping of Jaipur District 2. Land use land cover mapping	
<b>Activities Performed</b>	Rectification of Cadastral Maps and Mosaic Village wise Raster and Vector Data, Spatial Adjustment of Vector Data, Cadastral Maps Digitize, Image interpretation, and analysis.	
<b>Date of joining</b>	12 <sup>th</sup> July 2016	

<b>Date of leaving</b>	2 <sup>nd</sup> September 2016 (2 Months)
<b>Name of the organization</b>	<b>Wipro Limited</b> Though <b>iPeople Business Pvt. Ltd., Gurgaon</b>
<b>Designation</b>	GIS Consultant
<b>Client</b>	1. Department of Information Technology & Communication (DoIT &C), Jaipur 2. Town Planning Department (TPD), Jaipur
<b>Location</b>	Jaipur
<b>Project</b>	1. Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2. GIS-based Proposed Master Plan 3. GIS-based Zonal Development Plan
<b>Main Project Features</b>	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. Ortho-rectification, Cadastral Mapping, GIS-based Mapping of Road Network, Building Footprints, and Land Use/Land Cover
<b>Activities Performed</b>	<ul style="list-style-type: none"> <li>• Rectification of Cadastral Maps and Mosaic Village wise Raster and Vector Data,</li> <li>• Integration with Spatial census data, GIS-based mapping,</li> <li>• Image Processing for extraction of a vector layer,</li> <li>• Generate ULB Data model, Generation Geo-database according to AMRUT guideline with Doman,</li> <li>• Feature Extraction (Base-layer, LULC and Building Footprint) from high-resolution satellite imagery (World View -2) as per standard of AMRUT Guidelines,</li> <li>• Integration of Non-spatial data (Utility) with spatial data (WV-2), Spatial Analysis,</li> <li>• Data QC, QA &amp; Update Data finalization. Topology create &amp; error remove,</li> <li>• DataBase Compilation,</li> <li>• Delivery data preparation for GDB,</li> <li>• Map composition for District Local Body (DLB) and Town Planning Department (TPD), Rajasthan.</li> <li>• Town Planning Data Updation, Map-Composition for Master Plan,</li> <li>• Orth-rectification of satellite imagery (With Imagine Photogrammetry Tool, Tie Point, checkpoints, Autosyn, Tiling, Ortho-rectification with DEM, Color Balancing, Edge Matching, Mosaic, export into ECW format data, Image enhancement),</li> <li>• Prepare Land Base data, preprocessing of satellite imagery, design DEM and DTM, Watershed Analysis, Change Detection and analysis and City Planning,</li> <li>• Preparation of Concept Note Project Implementation Support till block level</li> <li>• Map composition for Town Planning Department (TPD), Rajasthan</li> <li>• Town Planning Data Updation as per Ground Verification (Existing Land Use Land Cover, Town Area, Proposed Land Use, Urban Area) and Finalize the MXD</li> <li>• Compose all four maps Data statistics and Map Composition.</li> <li>• GIS based Proposed Master Plan Preparation</li> </ul>
<b>Date of joining</b>	6 <sup>th</sup> September, 2016
<b>Date of leaving</b>	Till Working

## NATURE OF DUTIES

- Responsible for Image interpretation and Analysis
- Desk-Based Data Capture (Digitizing) To Convert Paper Maps to GIS Datasets
- Collection of geographical information
- Maintenance & Updating of Geodatabase
- Data analysis and quality checking of the information coming from the field
- Create a base map and Incorporated Symbols and Annotations
- Providing technical support and expertise to internal staff, and assisting with communication and training sessions related to GIS.
- Finalize the MXD and Map Compose for Master plan & Zonal Development Plan.

## PERSONAL DETAIL

<b>Name</b>	Sk Insan Ahamed
<b>Father name</b>	Sk Md. Mahasin Ali
<b>Mother name</b>	Jayed Bibi
<b>Permanent Address</b>	Village: Kurumba, Post office: Purbagopalpur, Police Station: Mongalkote, District: Burdwan, State: West Bengal, Pin Code: 713143
<b>Present Address</b>	54A, Lane Number 4 Hawa Sadak, Geejgarh Vihar Colony, Bais Godam Jaipur, Rajasthan, 302006
<b>Date of birth</b>	03 August 1992
<b>Gender</b>	Male
<b>Religion</b>	Islam
<b>Nationality</b>	Indian
<b>Language known</b>	English, Hindi, Bengali
<b>Email</b>	<a href="mailto:skinsanahamed@gmail.com">skinsanahamed@gmail.com</a>

## STRENGTHS

Hard Work, Punctual, Confident, Politeness, Positive Thinker, Helpfulness

## REFERENCES

- 1) Er. Suparn Pathak  
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RRSC/NRSC/ISRO, Jodhpur  
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- 2) Dr. Apurba Kumar Bera  
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## DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge.

Date: **03/11/2020**

Place: Jaipur



Signature: