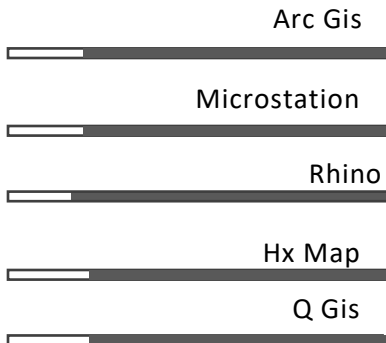


RAJAT KALRA

EXPERTISE



EDUCATION

- **Matric** from H.B.S.E. Bhiwani, Haryana.(2009)

- **UNDERGRADUATE COLLEGE (10+2)** from H.B.S.E. Bhiwani, HaHaryana (2011)Haryana. (2011)

3 year Diploma in Architecture Assistantship from Govt polytechnic Ambala City. (2015)

CONTACT

Punjabi Mohalla

V. P.O Ismailabad

Distt.Kurukshetra,

State: Haryana (136129)

Contact No.7876552399

Email: rajatkalra944@gmail.com

PROFILE

- Quick Learner.
- Punctuality.
- Positive Attitude.
- Team Work
- Self Confidence.
- To work with an organization which offer making best use of my education as well as my knowledge and offers a good scope for growth.

EXPERIENCE

09-07-2018-NOW (GIS&Lidar)

Organization Name :- GENESYS INTERNATIONAL Corporation LTD, Mumbai.

Client :- DOITC (Rajasthan Govt.)

- **Project Name:- Creation of 3D Modelling of the whole Jaipur City Activities:-**

- P2 (Pegasus 2) Raw Data Processing (IE & AutoP)
- Lidar data classification using Microstation.
- LIDAR Data adjustment (Terra matching of Pegasus 2 & ALS Data) using Microstation Software.
- Creation of 3Dbuilding models with the help of 2D data by using Rhino and HxMap Software.
- Creation of basemap (2D) features by using QGIS.

04/2017 – 06/2018 (AutoCAD & GIS Engineer)

Organization Name :- WAPCOS LTD(Ministry Of Water And Power).

Client :- (Rajasthan Govt.)

- **Project Name:- DILRMP (Digital India Land Record Modernization Project)**

PROFESSIONAL SKILLS

- GIS Data Processing : QGIS, ArcGIS 10.3 (Creation of digital database, Base map, LOD, LULC).
- LIDAR Data Processing :
Raw Point Cloud P2 (Pegasus 2) data processing , Data extraction on 3D Software, Lidar data feature extraction and Terra match (P2 & ALS Data) using Microstation Software, Creation of DEM & DTM with the help of Point Cloud data.
- 3D Modelling: Creation of 3D Models of whole Jaipur City by using Rhino and HxMapSoftware (ByLeica).
- Other Software: Use of MS Office Tools, Google Earth, Arc GIS, Q GIS, Rhino 3D ,Hxmap, Application Master (Ortho Vista, Seam Editor)
- Global Mapper, DGPS Surveying, Microstation (Lidar Matching).

(Survey /Resurvey Project)

Activities:-

- Georeference map sheets and satellite images
Image Classification In Arc Gis. Supervised & Unsupervised Classification (IWMP)

07/2016–03/2017GIS Engineer (Remote Sensing/GIS)

Organization Name :-

**Shivom Engineers Associates
Pvt. Ltd. Client :- (Gujarat Govt.)**

Project Name:- NILRMP

(National India Land Record Modernization Programme)

(Gujarat Resurvey Project)

Activities:-

- Geo reference map sheets and satellite images
- Digitization of the khasra Maps and creation of the digital database of the AOI.
- Quality Checking of the data.

PROFESSIONAL EXPERIENCE:-

Work Experience: 4.3 years of experience.

Current Employee: as a *Executive* at “Genesys International Corporation Ltd, Jaipur”. [Jaipur Smart City 3DProject]

Previous Employee: as a GIS Operator in Wapcos limited (Ministry of Water & Power Consultancy services).

Functional Area: Research & Development in LIDAR, Remote Sensing & GIS.

DECLARATION:-

- I hereby declare that all the information in this resume are true and correct to the best of my knowledge and belief.

(RajatKalra)