

Mahesh Ramesh Kandi

Email- **maheshkandi7@gmail.com** Mobile - **+918886866992**

Objective:

Seeking a challenging position in a growth-oriented organization, where acquired skills can be utilized towards continued growth and advancement.

Professional Summary:

Dynamic, competent and result-oriented professional with 9 years of experience in In Geospatial sector. Currently working as an Assistant Professor at PAHSUS Solapur University in the Department of Applied Geology,

- Worked on Image Processing Software like Erdas & LPS
- Hands on Experience on Open-Source software like ILWIS and Surfer.
- Knowledge of Geological Mapping and DEM Creation and slope analysis.
- Excellent Technical, Team playing and Leadership skills.
- Strong communication and presentation skills.
- Highly flexible to accommodate with new software / technologies.
- Good Experience on all the ArcGIS Tools.

Academic Profile:

- Post PG Diploma in Geoinformatics in earth science being conducted at Geological Survey India Training Institute Hyderabad affiliated to Osmania University, Hyderabad.
- M.Sc. (Applied Geology) Distinction from Solapur University.
- B.Sc. (Geology) from Solapur University.

Scientific Technique Skill: -

- The Basic geological mapping, Application of RS & GIS for natural resource study,
- Remote sensing data handling management & analysis for geological and hydrological studies
- Aerial photograph & satellite imagery interpretation.
- Ground Water Investigation and Exploration by using SSR_MP_ATS
- Bed Rock Investigation
- Bore well and open well Point Investigation.

Technical skills

- GIS Software- **ArcGIS, Qgis**, AutoCAD, Surfer, ilwiz.
- Image Processing Software- ERDAS.
- Packages- Google Earth Pro, MS-Office 2010& Adobe Photoshop
- Other Qualification: MS-CIT with 86%

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Employment History

1. Programmer Analyst - COGNIZANT TECHNOLOGY SOLUTIONS (July 2016 – Jun2020)

1. Parcel Mapping

Escrow Flood and Spatial is a data analytics project. Main theme of project is to convert of raster to vector transformation and updating of parcel. In this project we are using GIS software's AutoCAD, ArcGIS and QGIS.

Parcel mapping involves geo-referencing of Satellite images and digitizing the parcel boundaries and assigning of attribute data related to each parcel. Parcel mapping includes vectorization of land parcel from raster data and attribute updating and editing such as Parcel number, owner, area etc.

2. Flood Mapping LOMR

Flood analysis of an area by updating old data with the new one from FEMA and NFHL for Mortgage purpose. Editing and updating shape files relevant for flood analysis and sending data to the client.

3. BOUNDARY LAYER ALIGNMENT

Annexation of different layers like Municipal line, town line etc. as per client requirement.

Perform data QC

GIS tools: ArcGIS AutoCAD Map Qgis

2. GIS Analyst- TELANGANA STATE REMOTE SENSING APPLICATION CENTER June 2012-July 2016

Project Name- SIS-DP (SPACE BASED INFORMATION SUPPORT FOR DECENTRALISED PLANNING)

- Preparation of Digital Cadastral map.
- Preparation of Geo spatial layer using high-resolution satellite imagery
- Spatial Adjustment of Cadastral map layer over the fused satellite image.
- Base layer preparation for selected watershed

Project Name: Telangana Water Grid.

- Worked on preliminary planning of Telangana Drinking water supply. The entire pipeline network for whole Telangana state was prepared up to habitation level.
- Water pipeline connecting through habitation including hamlet based on contour level.
- Base on this map we calculate pipeline length and diameter.

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Project Name: IWMP (INTEGRATED WATERSHED DEVELOPMENT PROGRAMME)

- Base layer preparation for selected watershed

CERTIFICATION COURSES -

One Month Certificate Course Completed on “**Geospatial Technologies for urban planning**” Conducted by **IIRS (INDIAN INSTITUTE OF REMOTE SENSING)** Dehradun from February 11, 2016 to March 15 2016.

Training- Workshop:

- I Successfully Completed 21 days online **GIS Training program using QGIS** Conducted by the Department of Geography, **School of Earth Science, Central University of Karnataka** India, Jointly with State Institution of Urban Development, Karnataka India from 13.7.2020 to 2.08.2020
- Successfully completed “**7 Days Online ArcGIS Training Programme**”, and passed the training Exam with a 47% score organized by **Geo Vigyan** on 17May to 23May2021.

Summer Training - ONGC (oil &natural Gas Corporation limited)

- I got 19 days summer training during the period 17.05.2010 to 04.06.2010 about the various aspects of Hydrocarbon exploration in ONGC.

Extra Circular Activities:

- First in Quiz Competition in university campus.
- MCC with ‘A’ Grade in School Level.
- Winning captain of university cricket competition 2009-2010
- Actively Participation in Poster presentation competition.

Personal Details:

Date of Birth	-	16/02/1988
Gender	-	Male
Marital Status	-	Married
Nationality	-	INDIAN
Language	-	English, Hindi, Marathi, Telugu.
Hobbies	-	playing & watching cricket.
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Declaration: I hereby declare the all the above information contained in the resume is correct to the best of my knowledge.

(Mahesh Ramesh Kandi)