**RESUME SUMMARY**

**Career Goal:** Looking for a challenging role in a reputable organization to utilize my technical, database, GIS and Remote Sensing skills for the growth of the organization as well as to enhance my knowledge about new emerging trends in the IT, GIS and Remote Sensing technology.

**GIS Mapping:** I havedigitized different features such as Roads, Railway lines, Buildings, and Forest. Generate different maps using different GIS software’s such as ArcGIS, QGIS, and Google Earth.

**GIS & Remote Sensing:** I havedone different types of projects using GIS and Remote Sensing techniques such as Site Suitability, Monitoring Landslides, find elevation of an area using Lidar, Flood analysis, and Drought analysis.

**Web Development & Programming:** Have a good knowledge of HTML & Javascript, Python, SQL, and R programming.

**GIS SOFTWARE SKILLS**

* ArcGIS 10.5.1
* QGIS 3.12
* ERDAS IMAGINE 2014
* Google Earth

**COMPUTER SKILLS**

* Data Analysis using MS Excel, Python and R programming
* Developed a web page in college using HTML & Javascript
* Writing different Query in SQL
* Windows Server 2008
* MS Office

**WORK EXPERIENCE**

**VIZ Expert Pvt. Limited, New Delhi, India**

From NOV 2019 to Present

**GIS EXECUTIVE:**

* Responsible for the digitization of Roads, Railway lines, Buildings, and Forest
* Geocoding

**EDUCATIONAL QUALIFICATIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO**. | **EXAMINATION** | **BOARD/ UNIVERSITY** | **YEAR OF PASSING** |
| 1 | 10th | CBSE | 2009 |
| 2 | 12th | CBSE | 2011 |
| 3 | B.A (Hons.) Geography | Delhi University | 2015 |
| 4 | M.Sc. in Geoinformatics | Symbiosis institute of Geoinformatics | 2018 |
| 5 | The Fundamentals of Digital Marketing Certification Exam | Google | 2019 |

**MINI PROJECTS**

* Story Map of Tourist places in Mumbai and Pune using Arcgis.com
* Site Suitability in Darjeeling using GIS and Remote sensing
* Monitoring landslides in Sikkim using GIS and Remote sensing
* To find the elevation of an area using Lidar

**TWO MONTH SUMMER PROJECT**

**Project title:** Temporal Drought Analysis Using Digital Image Processing

**Software used:**  ArcGIS, ERDAS IMAGINE 2014

**Technique used:**

Raster Calculator was used to calculating NDVI, the Clip tool was used to Clip the study area from the satellite image in ARCGIS, Mosaic pro Tool was used mosaic the different path of the satellite images in ERDAS, Unsupervised classification Tool was used to classifying the satellite images.

**SIX MONTH INDUSTRIAL PROJECT**

**Project Title:** Flood Analysis of Madhya Pradesh using GIS and Remote sensing

**External Guide:** Dr. P. Guhathakurta, Scientist F, Head, Climate Data Management and Services, Office of Climate Research and Services, India Meteorological Department, Pune.

**Software Used:** QGIS, ArcGIS, ERDAS IMAGINE 2014

**Techniques Used:**

* Coordinates from the shapefile of Madhya Pradesh were captured in QGIS
* The captured coordinates were used to Geo-reference the images in ArcGIS
* Clip tool was used to extract the study area from DEM
* Fill Tool was used to filling the DEM
* Flow Direction Tool was applied on fill DEM Map to obtain the flow direction
* Flow Accumulation Tool was applied on Flow direction Map
* Strahler Stream order Tool was applied on Flow Accumulation Map
* Raster to Polyline Tool was used to convert raster Stream order to the vector form
* Slope tool was used on the DEM for generating Slope Map
* Soil, Rainfall, and Stream Order Maps were converted to Raster
* All the raster layers were reclassified and Weighted Overlay Tool was used for generating hazard and vulnerability map
* Raster Calculator was used for multiplying hazard and vulnerability map to get the risk map (ArcGIS)
* Signature Editor was used for getting the land use classified map in ERDAS

**HOBBIES**

* Bird watching
* Playing Football
* Playing cricket
* Drawing

**STRENGTHS**

* I am honest
* I am punctual
* Have good visual memory
* Able to complete the challenging task

**DECLARATION**

I do hereby declare that the above-mentioned information is true to the best of my knowledge.