**RESUME**

**RAHUL TANDON**

7,Sardar Vallabh Marg,Bhikangaon

Dist.-Khargone M.P. 451331

**Mobile**: 09406632342

**Email Id**: [rahultandon.2007@gmail.com](mailto:rahultandon.2007@gmail.com)

**OBJECTIVE**

Aspiring to become the member of core team, where I can explore my knowledge, skills and attitude for consistence contribution to the organization.

**EDUCATIONAL QUALIFICATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Schooling / Degree** | **Board / University** | **Year of passing** | **Percentage /CGPA** |
| M.Tech.(Spatial Information Technology) | School of Electronics D.A.V.V. Indore | 2014 | 7.58 |
| B.E (Electronics &.Communication) | R.G.P.V Bhopal | 2007 | 67.40 |
| Class 12th | M.P. BOARD | 2003 | 68.40 |
| Class 10th | M.P. BOARD | 2001 | 75.20 |

**PROGRAMING SKILLS**

* ArcGIS API for JavaScript
* C#
* ASP.Net
* SQL
* Python
* HTML & CSS
* JAVASCRIPT
* JQuery
* Arcpy (Python for ArcGIS)

**EDA/IDE TOOLS**

* ArcGIS 9.3 and Above
* ArcGIS Server
* QGIS 2.8 and Above
* Open Layers
* Erdas Imagine
* MS Office
* Visual Studio
* Geoserver
* ArcSDE
* Postgres,Oracle Spatial,SQL Server
* Git
* Jenkins

**TECHNICAL SKILLS**

* Database Management System
* Object Oriented Programming
* Remote Sensing
* Digital Image Processing
* Geographic Information System
* Spatial Analysis
* Machine Learning

**EXPERIENCE**

**Total Experience- 8 Years**

**Relevant Experience-4 Years**

* Worked As a **Lecturer** in **JIT, Borawan**, Khargone from 17/02/2009 to 14/07/2012.
* Worked as **GIS Intern** in **MAP\_IT, Bhopal** from Aug-2013 to May-2014
* Worked as **GIS Cartographer** at **Ruchi Printers** Bhopal from 02/06/2014 to 30/11/2014
* Worked As a **GIS Executive** in **MAP\_IT**,Bhopal(Department of Information Technology, Madhya Pradesh) from **01/12/2014 to 31/01/2017**
* Worked as **GIS Developer** in **Flairsoft Consulting Group** Bhopal from **01/02/2017** to **30/12/2017**
* Working as **Senior Associate Consultant** in **Infosys Limited** Hyderabad since **25/06/2018**

**PROJECTS UNDERTAKEN**

* **Intelligent Transport Management System and Emergency Response System(Dial 100)**

**Description**- It is a transport Management system and emergency response system for various city polices. It gives functionality to find current position of vehicles and tracking live location of multiple vehicles at single time. This project also has functionality for navigation and shortest path finding between two points.

**Roles and Responsibilities-**

* GIS Application Development using ArcGIS JavaScript API
* Publishing GIS Services using ArcGIS Server
* Develop new functionality based on requirement
* Various Issue Fixing in Live Project
* Perform Various changes in application based on requirements
* Spatial Database Management

Company Name-Trinity Mobility Private Limited

Client Name-Bengaluru Police, Mumbai Police, Tamilnadu Police

* **GIS Based Smart City Solution**

**Description**-This Project is for Smart Cities. It Provide end to end GIS Solution for Smart cities. This application has various functionalities like asset management, intelligence transport management, solid Waste Management and emergency response system.in this we publish various poi’s like police station, health facilitation centers, various camera location on maps give functionality to find nearby poi’s.

**Roles and Responsibilities**-

* Develop customize API from ArcGIS JavaScript API based on requirement.
* Coordinate with different development team for API integration
* Publish GIS Data layer on ArcGIS Server
* Issue Resolving
* Spatial Database Management

Company Name-Trinity Mobility Private Limited

* **ATCO**

**Description**-

ATCO Group is a $21 billion enterprise with approximately 7,000 employees, engaged in Structures & Logistics, Electricity, Pipelines & Liquids, and Retail Energy.

Project is about Land acquisition from the area where electric line is passing.

Tools-ArcGIS10.3, ArcGIS API for JavaScript, Oracle Spatial, Arcpy, Model Builder, Visual Studio 2015

**Roles and Responsibilities**-

* Publishing REST Services using ArcGIS Server
* Developing WCF Services
* Create and Maintain Data Base
* Application Development using ArcGIS JavaScript API
* Building Customize tools using ArcPY and Model Builder
* Building Various tools for GIS Analysis

Company Name-Flairsoft Consulting Group

Client Name-ATCO Canada

* **Antero**

**Description**-

Antero Resources is an independent exploration and production (E&P) company engaged in the exploitation, development and acquisition of natural gas, NGLs and oil properties located in the Appalachia Basin. Headquartered in Denver, Colorado.

 Project is about Gas and Pipeline Mapping. Flairsoft Develop a Web based GIS Application for Antero with various data creation and spatial analysis tools. Flairsoft Develop a GIS Viewer with various tools.

Tools-ArcGIS10.3, ArcGIS API for JavaScript, Oracle Spatial, Arcpy, Model Builder, Visual Studio 2015

Roles and Responsibilities-

Publishing REST Services using ArcGIS Server

* Developing WCF Services
* Create and Maintain Data Base
* Application Development using ArcGIS JavaScript API
* Building Customize tools using ArcPY and Model Builder
* Building Various tools for GIS Analysis

Company Name-Flairsoft Consulting Group

Client Name-Antero

* **Comprehensive Planning of Simhasth 2016**

Description-

Develop ArcGIS Rest Services for All GIS Data and Implement GIS Based Web Application for Devotees, User can Search for different Saints Pandal and their location, navigation to that location and can get location information for all utilities.

Prepare **GIS Layers(65Layers)** for Plots to be distributed to different akahadas, Roads, Sewage lines, Water Supply, Electric lines, Mobile Towers,PDS,Hospital,Zone and Sector Offices, crowd flow control, police hold up, Check points, Satellite Towns, Peshwai Route, Ghats,Toilets,Dust Beans and Perform Spatial Analysis on these layers.

Use GIS and spatial analysis tools to build and maintain geospatial databases including digitising, data conversion, feature attribution, and editing of GIS layers

Providing unique id to all entities like Roads, Electric Poles, Water Hut to develop address system in mela area.

Perform Ground Verification on my maps using tablets.

**Tools**- ASP.net,C#,WCF,ArcGIS Server, ArcGIS JS API,ArcGIS 10.2, Google Earth,QGIS 1.8.0,Bhuvan,MS Exel,Global Mapper, Satellite Images of World View 2,Mymap

**Roles and Responsibilities-**

* Perform Quality Check Over GIS Data
* Data Conversion
* Coordinate with different department for GIS Data
* Publish GIS Data on ArcGIS Server and Google My Map
* Consume GIS Services using ArcGIS JavaScript API
* Spatial Database Management
* Perform attribute and Spatial queries on GIS Data
* Provide GIS Services for Mobile Application
* **Madhya Pradesh State Spatial Data Infrastructure**

Description-It is a Project for Department of Land Records Govt. of MP.

Georeferencing of Khasra Maps and extract Village Boundary,GP Boundary,Tehsil,Block and District Boundaries.GIS Data Management and Quality Assurance of Khasra Data for whole State.

Georeferencing of satellite Imagery(World View 2,LISS III,Cartosat 2), Satellite Image Processing, Vector and Raster Basemap Preparation and updation

Coordinate with SLR for Data Requirement.

Perform quality reviews to ensure geospatial and content accuracy.

Web Based Application Development and Decision Support System

**Tools**

ArcGIS

Server,ArcGIS10.2,GoogleEarth,QGIS1.8.0,MyMap,Bhuvan,MSExel,GlobalMapper,ErdasImagine,GDAL,OGR2OGR

**Roles and Responsibilities-**

* Georeferencing of Khasra Maps
* Georeferencing of High resolution satellite imagery
* Perform quality check on GIS data
* Publish GIS data into ArcGIS Server and Geoserver to provide WMS and WFS
* Insert shapefile into PostGIS database
* Perform Spatial queries on GIS data
* **GIS Based Decision Support System for Department of Technical Education and Skill Development**

Description **–** In this project we developed a multi criteria web based application to support in decision making for optimal location to open a new Industrial Training Institute and preparation of GIS data and updation of GIS data

In decision making criteria we consider no .of factories and their capacity, no.of school, road connectivity, population density.

**Tools-**ArcGIS**,**QGIS,ASP.Net,postgres,ArcGIS,openlayer,Geoserver,html,css,javascript,ArcGIS Data Reviewer.

**Roles and Responsibilities-**

* Data collection from various stack holders
* GIS data digitization from various sources
* Perform GIS Data survey for data collection
* Perform quality check on GIS data
* Insert Shapefiles into PostGIS database
* Publish data into Geoserver
* Consume Geoserver services using OpenLayers API
* Build WCF web services
* GIS Application Development using C# and ASP.net

**PROFESSIONAL STRENGTH**

* Adaptability
* Positive attitude
* Team Work
* Quick Learning

**WORKSHOP /SEMINAR**

* Participated in Two days Workshop on **Advances in Space Technology And Their applications** jointly organized by Space Tech Consultants,Ahemdabad and JIT Borawan.
* Participated in Four days workshop **on Android Programming** at Remote Center of IIT Bombay IET,DAVV Indore Sponsored by Ministry of Human Resource Department.
* Webinar on ESRI Technologies.
* 3 Months Training on C# and ASP.net from Syscom Bhopal

**Achievements**

* Simhansth 2016 Service Medal from Govt.of Madhya Pradesh
* Digital India Award from Govt. of India
* Certification in foundation of Machine Learning from Cornell,Cornell University

**PERSONAL PROFILE**

**Date of Birth** : 20/05/1986

**Father’s name**  : Mr. Lalit Tandon

**Mather’s name**  : Mrs. Manju Tandon

**Sex** :Male

**Nationality:** :Indian

**Language Known:** :Hindi, English

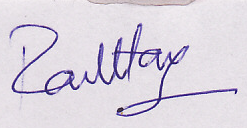
**Hobbies**  : Music, Cricket, Outing

**DECLARATION**

I hereby declare that all the information stated above is true to the best of my knowledge and belief.

**DATE**:02/10/2019

**PLACE**:Hyderabad



**RAHUL TANDON**