Abhishek Panwar

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Address**:** 752/7, Gali No 7, Govindpuri, Delhi, 110019

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| **CAREER OBJECTIVE** |

To become a valuable asset of an organization through hard as well as smart work. I want to grow and learn as a professional as well as an individual to utilize my knowledge and experience for growth of both the organization and myself.

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| **Employement Summary** |

Total Experience: 4 Years, 5 Months.

* MapmyIndia (CE Info Systems Pvt Ltd) as GIS Executive from Mar’ 2015 to Dec’ 2018.
* Centre For Railway Information Systems (CRIS) as Senior Software Developer from Dec’ 2018 to till Date.

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| **Work Experience** |

**1.Company Name**: *Centre For Railway Information Systems* (Dec’ 2018 to till date)

**Company Profile**: The Centre for Railway Information Systems designs, develops, implements and maintains most of the important information systems of Indian Railways

**Designation:** Senior Software Developer

**Project** - GIS Map and Geospatial Database for Indian Railways assets.

**Objective** - Preparation of a GIS Map for the entire Indian Railways Network, areas surrounding Railway Land and assets including natural features like Roads, National Highways, Settlements, Forests, Rivers etc.

**Tasks:**

* Converting Non-Spatial Data into spatial data for tracking related assets including bridges, tunnels, level crossing, etc.
* Generating reports on missing data and any discrepancies for re-survey.
* Creating area of interests of land owned by Indian Railways throughout India for better management of railway assets and to avoid misuse of railway property.
* Creating detailed map of every railway station with 360° view covering each and every detail.
* After Completion creating and publishing these web maps.

**2. Company Name:** *MapmyIndia* (Mar’ 2015 to Dec’ 2018)

**Company Profile**: Providing Services as Digital Map Data, Telematics, Location based SaaS and GIS Services.

**Designation:** GIS Executive

**Job Description:**

* Worked under various Projects such as
  + - Airtel\_Data,
    - MovieBuff\_POI,
    - Bookmyshow\_POI,
    - School\_Data,
    - WRIS\_Dam\_Review,
    - Police\_Stations\_Review,
    - Fire\_Stations\_Feedback Data
* Worked to enhance and improve Geocoding Process to geocode large amount of Data and helped creating and improving batch geocoding tool for internal usage according to requirement.
* Responsible for management of all Tourist Attractions, Cinema Halls, Stadiums, Dams, Historical Places, Nature related and Recreational POIs in our Database.
* Responsible for on time Packing and Delivery of quality Data for our Database to be released for client usage.
* Created testing datasets for building Autocorrect function and Machine Learning Process.
* Using queries and techniques was able to ﬁnd out duplicacy within spatial data which reduced time taken for completion of the process which was earlier done manually.

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| **COMPUTER SKILLS** |

* Languages : Basics of C, C++, SQL.
* Software: ERDAS IMAGINE, QGIS, ArcGIS, MapInfo, MS-Office
* Database: Basics of Data Base Management System (DBMS).

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| **ACADEMIC BACKGROUND** |

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| **Year(s)** | **Qualification – Degree / Diploma / Certificate** | **Board/University** | **College**  **/ Institute/ University** | **Percentage / CGPA** |
| 2010 - 2014 | B.Tech Geo-informatics Engineering | University of Petroleum and Energy Studies, Dehradun | College of Engineering Studies | 63.6 |
| 2010 | Class XII | CBSE | St. Mary’s Convent Senior Secondary School, Dehradun | 69.6 |
| 2008 | Class X | CBSE | St. Mary’s Convent Senior Secondary School, Dehradun | 81.4 |

**Summer-Internship-Project**

Duration: 6 weeks

Institute: Indian Institute of Remote Sensing (Dehradun)

**Project Title**: Analysis of GIS network data using Open Source Architecture**.**

**Description:** A study of road network data model and various network analysis methods was carried out

1. To design a data model for road network.

2. To create road network data using Geo-RDBMS.

3. Network analysis using different algorithms.

* In this study the use of Open Source technology have been demonstrated to create Geospatial data and to analyze this data for network analysis.
* It also presented the mechanism to store and manage vector based data in Geo-RDBMS environment using PostgreSQL & PostGIS
* QGIS is used to create the GIS data using PostGIS in PostgreSQL.
* The road network analysis data of Dehradun city is created using Open web services in internet environment. The results of network analysis are validated by a mobile based PDA device which is used to collect Geospatial data for road network during the field visit.

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| **EXTRA CURRICULAR ACHIEVEMENTS** |

* Successfully completed personality enhancement program organized by University.
* Top 4 in College Cricket Tournament.
* 2 Times Consecutive Winner of Company’s Cricket Tournament and achieved 2 Man of the Match Awards.
* Playing regular Cricket for Karan’s United team and participated in various cricket tournaments in Delhi NCR
* Attended and completed 3 days Training of ArcGIS Web Server for sharing contents on web, by ESRI.

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| **PERSONAL DETAILS** |

Date of Birth : 23-09-1992

Home Town : Dehradun

Permanent Phone No : +919999723851

Languages Known : Hindi and English

I declare that the details above are correct and true to the best of my knowledge.

Abhishek Panwar