**Ajay Kumar**

**Highway Design Engineer**

Mobile-+91 7022230436

Email: rajoria.ajay@gmail.com

**Career Objective:-**

To achieve high career growth through continuous process of learning for achieving goal and keeping myself dynamic in the changing scenario to become a successful professional and leading to best opportunity. I’m willing to work as a Highway Design Engineer in reputed Engineering Company.

**Career Profile:-**

* Prepare Project reports, Cost estimation, schedules and legal descriptions of surveys in order to describe, certify, and assume liability for work performed.
* Verify the accuracy of survey data and inventory including measurements and calculations conducted at survey sites.
* Direct or conduct surveys in order to establish legal boundaries for properties, based on legal deeds and land features.
* Preparation of Detailed Project Report as per TOR.
* Identification of homogenous section during reconnaissance survey.
* Collection of toposheets.
* Plan and conduct ground surveys design to establish base line, elevation, and other geodetic measurement.
* Coordinate findings with the work of engineering and architectural personal, clients, and others concerned with project.
* Landuse Land cover mapping using High Resolution Satellite Imagery (WV-2) for AMRUT project
* Map Composition and finalization according to project requirement
* Client interaction for project database submission.
* Responsible for the on-going spatial data maintenance and dissemination, end-user support and the generation of maps in different formats compatible with several software’s like AutoCAD, QGIS
* GIS reports and product information.
* Monitor the progress of project Execution with respect to completion as per schedule, Quality, Cost and Adherence to design specifications.

**Key Qualifications:**

Having almost 5 years of experience in highway projects and sharing experience with Karnataka State Highways Improvement Project (KSHIP), Department of information technology and communication (DOIT&C) Rajasthan funded projects and UPPWD(Uttar Pradesh PWD) & Ministry of Road Transport & Highway (MORT&H).

**Experience Summary:**

**1) Name of the organization:** Agnitio Infrastructure Projects Pvt. Ltd.

**Tenure**: July-2018 to till Present

**Designation:** Highway Design Engineer

**Job Responsibilities:** Preparation of Inception, Feasibility & Detailed Project report and collect survey data required during Reconnaissance & Draft feasibility report example Identification of Homogenous section, detail of forest boundary, collection of SOR, Inventory of Project Road, Verify the data of survey and calculations of **MSA** and Crust thickness from **IIT pave** software and Pavement design also from Pulverization Stabilization Technology method. Preparation of Technical Schedules and Cost estimation. Discussion with client and submission of reports after incorporating of comments of World Bank. Managing the data of project. Attend the presentations in **MORT&H**, **UPPWD** and in **World Bank**. Alignment design by **MX road**.

**Project-I:** Consultancy Services for feasibility study and preparation of Detailed Project Report for improvement and up-gradation of in principle declared National Highways in the State of Uttar Pradesh- Package No. III (Stretch from Bewar (on NH-34) Fatehgarh-Miranpur Katra (on NH-30) Bisalpur - Pilibhit on NH-730.

**Client:** UPPWD(Uttar Pradesh PWD) and Ministry of Road Transport & Highway (MORT&H)

**Total length**-191 Km.

**Project-II:** Consultancy Services for Feasibility study and preparation of Detailed Project Report for improvement and up-gradation of declared National Highways in the state of Uttar Pradesh.

**Client:** UPPWD (Uttar Pradesh PWD) and Ministry of Road Transport & Highway (MORT&H)

Section I-Meerut-Shamli-Haryana Border

Section II-Meerut-Baghpat-Haryana Border

Section III-Purquazi-Laksar-Haridwar road

**Total length-** 185 Km.

**Project-III:** Consultancy services for preparation of 2- lanning feasibility and Detailed project report for proposed Ring road for Raebareily city in the state of UP.

**Client:** Ministry of Road Transport & Highway (MORT & H)

**Total length-** 39.87 Km.

* **Name of the Organization:** Capricot Technologies Private Limited

**Designation:** GIS Engineer

**Tenure:** August 2016 to April 2018

**Project:** ATAL MISSION FOR REJUVENATION AND URBAN TRANSFORMATION(AMRUT)

**Client:** DOIT&C Jaipur, Rajasthan

**Job Responsibilities:** Landuse Landcover mapping using High Resolution Satellite Imagery (WV-2) for AMRUT project. Map Composition and finalization according to project requirement, Client interaction for project database submission. Responsible for on-going spatial data maintenance, dissemination and providing end-user support for maps generation, GIS reports and information product. Compiling and organizing GIS data from maps, databases and other sources from data collection in the field using Global Positioning System (G.P.S.) units. Taking care of daily inputs and editing of Route Mapping. Conduct programmatic and manual analysis and create reports and thematic maps on the data within the GIS. Ensure that quality assurance on new or revised data conforms to standards laid out in the Geo Database or any other applicable standard or policy. Direct the preparation of regular status reports, highlighting GIS issues requiring attention. Georeferencing (Orthorectification)

* **Name of the Organization:** Sadbhav Engineering Limited

**Designation:** Civil Engineer

**Tenure:** August 2014 to July 2016

**Project Title:** DBFOMT of Existing State Highway (SH-3&33) from Malavalli to Pavagada Length 193.344 Kms.(Approx)

**Client:** Karnataka State Highways Improvement Project (KSHIP)

**Project cost:** 650 Crores (Approx.)

**Job Responsibilities:** Preparation of Embankment, Sub Grade, GSB, WMM as per MORT&H specification.Inspection of Borrow areas, Aggregate quarries and sources of construction materials.Handling and drafting necessary drawings with AutoCAD. Planning and organizing the resource to achieve maximum productivity.Material quantity procurement analysis, Storage, and Distribution.Ensuring day to day planning with subcontractor and **verification of bills** with respect to quantity, quality and adherence to Project Schedule, Penalty Conditions etc.Regular inspection of construction machinery and plants to produce desired results like Concrete Batching Plant, WMM Plant.Monitor the progress of project Execution with respect to completion as per schedule, Quality, Cost and Adherence to design specifications.Execution of project /maintenance activities coordination with contractor.Implementation of manpower as per daily plan, maintaining D.P.R & Structure Designs.

**Software Expertise*:-***

- Working Knowledge about **MX Road**

- Basic knowledge about **civil 3D**

- GlobalMapper

- Google Earth

- ArcGIS

-Well versed with MS Office

**Academic Qualification:-**

|  |  |
| --- | --- |
| **B.TECH IN CIVIL ENGINEERING** | |
| Board | Manav Rachna International University Faridabad (Haryana) |
| CGPA | 66.1 |
| Year of Passing | 2014 |
| **SCHOOL** | |
| 12th(Science) | HBSE passed in 2010 with 78% |
| 10th | HBSE passed in 2008 with 86% |

**Personal Dossier:-**

Date of Birth 01-05-1993

Mother Name Murti Devi

Father Name Ram Kumar

Extra Curriculum Activities Playing Cricket

Current CTC 4 LPA

Notice Period 1 Month (Negotiable)

Current Location Sector 62, Noida

**Declaration:-**

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

Date: **Ajay Kumar**

Place: **Noida**