** SHUBHAM NARAYAN DADHICH**

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**Phone: +91-8535030236**

Dedicated civil engineer with skilled in Track Alignment Design, railway route survey (RET, PET, FLS), [cadastral surveys](http://www.elite-consultant.in/services/surveys.php#surv-2) and Topographical Survey with DGPS, Total Station and Auto Level.

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| **CORE COMPETENCIES**  **Site Execution**  **Land Development**  **Differential GPS**  **Global Investigation System (GIS)**  **Geomatics**  **Plan & Section**  **Microstation designing**  **Bentely Rail track**  **Team Management**  **Track Alignment Designing** |  | **PROFILE SUMMARY**   * Result-oriented professional with **nearly 4.7 years** of qualitative experience in **Land Survey and Track Alignment Engineer** * Strong surveying engineering experience and mathematical skills * Outstanding analytical and land records checking skills * Skilled in operating measuring instrument for conducting land survey * Ability to converse in a professional manner through verbal and written English,Hindi * Willingness to travel to distant places and work in a team environment * Excellent attention to detail and awareness about job responsibility |

**ORGANIZATIONAL EXPERIENCE**

**Since Nov’17 with Indian Institute of Technology, Roorkee (IITR) as Project Assistant Technical.**

**Project:- “Geo-Referenced survey to map physical boundaries of each land holding at cadastral level”**

**Key Result Areas:**

* Download satellite image using Google image satellite downloader.
* Register the Google image using global Mapper.
* Digitization of land boundaries.
* Convert raster data into vector data.
* Calculate area of land parcels and easements to be acquired using mathematics and computer software.
* Preparing of pri-map & post-map using ArcGis & Bentley micro station.
* Collect data from site using DGPS, total station, auto level and match area & survey number at site.
* Import data (coordinates) in computer using Bentley micro station.
* Verify the accuracy of survey data, including measurement and calculations conducted at survey sites.
* Process field data, coordinate field staff, and interface with CAD group.
* Review CAD drawings prepared by survey technicians.
* Ensured that all required survey information was collected per project requirement.
* Coordinate with client for smooth flow of work.
* Preparation of reports Daily, weekly & monthly reports.
* Site inspection for civil survey work and ensure that the work is as per the project specification and issued for post map and final approved drawing from authorities

**Highlights:**

* Developed, implemented, monitored, and provided progress reports on projects
* Identified, designed, implemented, and monitored schemes intended to collect land for construction
* Worked with GIS and performed accurate measurement of land
* Checked and authorized orders and invoices for further processing
* Planned, analyzed, and implemented budget on various projects
* Studied the design contract and documents and presented reports

**WORK HISTORY**

**Jan’15 to Oct’17 with Elite Consultant, Roorkee as Gis Surveyor cum Track Alignment Engineer.**

**Key Result Areas:**

* Performing land surveys and advising clients on legal matters
* Checking and analyzing land survey reports from the administrative, and technical departments
* Managing all the legal matters related to the survey reports and submitting a final report to the team head
* Discussing and planning annual budget of a particular area and submitting it to the team head for suggestions and final action
* Suggesting methods for the improvement of standards of the survey section to the area supervisor
* verify cost of land surveys varies, depending on a number of factors, including physical topography
* Record the results of surveys including the shape, contour, location, elevation, and dimensions of land or land features
* Calculate heights, depths, relative positions, property lines, and other characteristics of terrain
* Prepare or supervise preparation of all data, charts, plots, maps, records, and documents related to surveys
* Write descriptions of property boundary surveys for use in deeds, leases, or other legal documents
* Plan conduct ground surveys designed to establish baselines, elevations, and other geodetic measurements
* Search legal records, survey records, and land titles to obtain information about property boundaries in areas to be surveyed
* Coordinate findings with the work of engineering architectural personnel, clients, and others concerned with projects
* Adjust surveying instruments to maintain their accuracy
* Determine longitudes and latitudes of important features boundaries in survey areas using total station, auto level and satellite-based differential global positioning systems DGPS

**ACADEMIC DETAILS**

**2015:** B.tech (Civil Engineering) from Uttarakhand Technical University Dehradun

**2011:**Class 12th from Roorkee Public School (CBSE Board), Roorkee

**2009:**Class10th from A.S.A Saraswati Vidya Mandir (CBSE Board), Roorkee

**INTERNSHIP**

**Organization:** Public Work Department (PWD), Roorkee

**Duration:**45 Days

**Description:** Construction of CC Road, under guidance of JE(Civil)

**ITSKILLS**

* MS Office
* Bentley Micro Station
* Rail Track Surveying/Power Rail Track
* Google Earth
* Arc-GIS.

**PERSONAL DETAILS**

**Date of Birth:** 15h October 1993

**Languages Known:** English and Hindi

**Address**: 348/10, West Amber Talab,Roorkee

Haridwar-247667

Uttarakhand (India)

**PROJECT DETAILS**

* Geo-Referenced survey to map physical boundaries of each land holding at cadastral level
* Conducting Preliminary Engineering Cum Traffic Survey for doubling between Bhusawal to Wardha 3rd Line (314.00 km),Execution of Survey work, preparation of L-Section, Alignment Plan & Canter line Pillar Work (Central Railway).
* Conducting Final Location Survey for doubling new BG Railway line between Surendranager to Rajkot (116.00 km) Execution of Survey work, preparation Land Plan & L-Section (Western Railway).
* Final Location Survey for new BG Railway line between Sahjanwa to Dohrighat 70.00 km Execution of Survey work (North Eastern Railway).
* Conducting Reconnaissance Engineering Cum Traffic Survey For new BG Railway line between Aurangabad to Chalisgaon (95.00 km), Execution of Survey work, Centar line Pillar Work (Central Railway).
* Conducting Final Location Survey for doubling new BG Railway line between Guntakal to Kalluru (41.00 km) Work as a Senior Surveyor (South Central Railway).
* Final Location Survey for new BG Railway line between Anthinadu to Erumeli (40.00 km) (Southern Railway).
* Conducting Preliminary Engineering Cum Traffic Survey for doubling between Barsoi to Radhikapur (54.00 km) Execution of Survey work, preparation of L-Section, Alignment work & Canter line Pillar Work (N.F Railway).
* Conducting Preliminary Engineering Cum Traffic Survey for new line between Dankuni to Sagar Port (150.00 km) Execution of Survey work, preparation of L-Section, Alignment work & Canter line Pillar Work (Eastern Railway).
* Conducting Preliminary Engineering Cum Traffic Survey for doubling between Allahabad to Varansi (120.00 km),Execution of Survey work, preparation of L-Section, Alignment Plan & Canter line Pillar Work (Central Railway).
* Conducting Preliminary Engineering Cum Traffic Survey for doubling between Mathura to Kanpur via kashganj (420.00 km),Execution of Survey work, preparation of L-Section, Alignment Plan & Canter line Pillar Work (Central Railway).