

## Manit Agarwal

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**Qualified professional with Degree in Civil Engineering, managing day to-day operational aspects of projects by effectively applying methodologies that enforce project standards and minimize exposure and risks on projects**

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### PROFILE SUMMARY

- B.Tech in Civil Engineering with around 8 years of experience in planning & implementing technical solutions for planning and constructing Highways, Bridges, Metros & Railway Infrastructure.
- Currently associated with Strata Geosystems India pvt Ltd as Senior Project Engineer in RE Wall & Geotechnical consultant; creating & executing project work plans and maximising operational result and profits.
- Adept in planning, executing construction projects involving method engineering, development, resource planning with a flair for adopting modern construction methodologies in compliance to Quality standards
- Proven skills in effectively supervising, training & scheduling company employees with contractors & subcontractors to mediate conflicts

### CORE COMPETENCIES

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|----------------------|------------------------|----------------------------------|
| ~ Project Management | ~ Site Engineering     | ~ Procurement and Construction   |
| ~ Layout & Design    | ~ Surveys & Estimation | ~ Budget & Forecasting           |
| ~ Quality Control    | ~ Highway Design       | ~ Client Relationship Management |

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### Technical Skills:

**Design Tools** : **AutoCAD, Road Estimator**  
**Planning** : **SAP, ERP, MS Project, Primavera**  
**IT Forte** : **Excel, Powerpoint, Word**

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### EDUCATIONAL CREDENTIALS

#### **B.Tech in Civil Engineering 2014.**

Bengal Institute of Technology and Management, WBUT, DGPA – 8.13

#### **HSC 2010**

D.A.V. Public School, CBSE, 81.17%

#### **SSLC 2008**

D.A.V. Public School, CBSE, 76 %

## Work Experience

**Period** : **Feb 2020 to Till Date**  
**Employer** : **Strata Geosystems India (P.) Ltd.**  
Position Held : Senior Project Engineer (Geotechnical Consultant)  
Current Project : HG - Adani , 4 laning NH 363, Mancherial Road project, under NHDP phase 4, under Bharatmala pariyojana  
Previous Project's : MCL, 4 laning NH 161, Medshi to Washim road project  
GRIL, 4 laning NH 150, Akkalkot to Solapur road project  
Current Salary : Rs. 7.2 Lacs P.A CTC

### **Details Task Assigned:**

#### **Designation: Senior Project Engineer**

- Providing geotechnical solutions to construct projects for client.
- Execution, Managing RE Wall structures designed by the company.
- Providing design and solution with execution for Soil stabilisation on steep slope, Wells, landfills, weak soil bed using Geocells, Strata grid, strata strips.
- Client & Consultant handling.
- Day to day monitoring of the total achievements against the target as per set schedule plans.

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**Period** : **July 2019 to Jan 2020**  
**Employer** : **Simplex Infrastructures Limited**  
Position Held : Senior Project Engineer  
Client : Bruhat Bangalore Mahanagara Palake  
Independent Consultant : Infra Support Engineering Consultants Pvt. Ltd.  
Project Name : **Elevated Corridor by integrating Ejipura main road- inner ring road junction, Sony World junction and Kendriya Sadana junction along 100ft. inner ring road, Koramangala, Bangalore**  
BOQ Value : Rs. 216 Crores

### **Details Task Assigned:**

#### **Designation: Senior Project Engineer in Execution**

- Casting of 4 lane Precast Segments (17m width) using Longline method.
  - Execution of major structures as per the specifications provided in drawing.
  - Preparation of Bar Bending Schedule, Measurement Sheets for Sub & Super Structure of Flyover.
  - Client & Consultant handling.
  - Day to day monitoring of the total achievements against the target as per set schedule plans.
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**Period** : **June 2017 to July 2019**  
**Employer** : **Simplex Infrastructures Limited**  
Position Held : Project Engineer – Gr II  
Client : Economic Reconstruction Company  
Independent Consultant : GKW Consult (DSC, Kashmir)  
Project Name : **Construction of flyover/expressway corridor from Jehangir Chowk to Rambagh-Natipura in Srinagar City**  
BOQ Value : Rs. 350 Crores

**Details Task Assigned:**

**Designation: Project Engineer in Execution**

- Fully responsible for execution of RE Wall, Deck Slab, Solid Slab as per the specification provided in drawing.
  - Preparation of Bar Bending Schedule for Sub & Super Structure of Flyover.
  - Preparation of Joint Measurement Records for work done & to get approval from client.
  - Day to day monitoring of the total achievements against the target as per set schedule plans both in terms of safety & quality.
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**Period** : **March 2016 to May 2017**  
**Employer** : **GMR Infrastructures Limited**  
Position Held : Executive Engineer in Planning  
Client : Dedicated Freight Corridor Corporation India Ltd (DFCCIL)  
Concessionaire : World Bank  
Independent Consultant : SYSTRA S.A, Mott MacDonald pvt. Ltd  
Project Name : **Mughalsarai to New Baupur (Kanpur), Double Line Railway of Eastern Dedicated Freight Corridor (EDFC)**  
BOQ Value : Rs. 5080 Crores

**Details Task Assigned:**

**Designation: Executive Engineer in Planning**

- Preparing reports and records like Daily Progress Reports, Monthly Progress Report, Monthly Plan and Targets, Progress, Strip charts etc.
  - Activity wise (WBS based) Planning & Resource loading.
  - Generate the Financial & Physical Progress on monthly basis
  - Financial Programme, Budgeting & Costing.
  - Three months rolling Programme.
  - Preparation of mobilizing & demobilizing plan of resources and monitoring the productivity.
  - Execution of project in Phased manner and maintaining the Schedule.
  - Reconciling of bulk materials and implementing cost control measures.
  - Co-ordinations with clients for necessary revision, certification and weekly review meeting.
  - Maintaining records of RFI with progress reports for IPC purpose.
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<b>Period</b>	:	<b>January 2015 to March 2016</b>
<b>Employer</b>	:	<b>Simplex Infrastructure Limited</b>
Position Held	:	GET
Client	:	National Highways Authority of India Ministry of Shipping, Road transport and Highways.
Concessionaire	:	Shree Jagannath Expressways Pvt. Ltd.
Independent Consultant	:	M/S Nicholas O' Dwyer & Co. Ltd. In JV with SA Infrastructure Consultants Pvt. Ltd.
Project Name	:	<b>Bhubaneswar-Chandikhol, BOT Road Project (NH-5)</b>
BOQ Value	:	Rs. 996 Crores

### **Details Task Assigned:**

### **Designation: Graduate Engineer Trainee (GET )**

### **In Planning and Billing:**

- Preparation of Sub-Contractor Billing, Client billing, Bar bending schedules (BBS), Formwork scheme, Total quantity estimation, Labour requirement against the work program, Daily progress report, Preparation of detailed Engineering Reports & Documentation.
- Planning & Coordination with Clients, Consultant, Site Engineer, Site Store, HO, Regional staff and Sub contractor.
- Preparation of work schedule well in advance keeping project target in view.
- Planning for procuring material at site as per site requirement.
- Liaise with consultants for determining technical specifications, approvals for execution & obtaining on-time clearances.

### **In Execution:**

- Execution of RE Wall, DBM , BC , Pile, pile cap, pier, pier cap, pedestal, Cross girder, deck slab and also box culvert, Vehicular underpass, pedestal underpass etc. at site as per the specification provided in drawing.
- Amount & quantity wise monthly, quarterly & yearly bar chart planning.
- Day to day monitoring the total achievements against the target as per set schedule plans both in terms of safety & quality.

### **In QA/QC:**

- Calibration of laboratory Equipment's.
  - Checking & controlling Contractor's Quality Control Formats, construction method statements & RFI's.
  - Sampling of borrow areas, quarry sites, sources of sand, etc.
  - Quality control testing of all materials such as soil, aggregate, cement, bitumen, etc. and completed works and ensuring that all material and completed works are as per technical specifications.
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## **INDUSTRIAL TRAINING**

- **Madhucon Projects Limited (MPL)**

**Details:-** Rehabilitation and Up gradation to Four lane CHHAPRA – HAJIPUR section of NH 19 from 64 kilometer in the state of BIHAR under NHDP- 3 on Annuity basis.

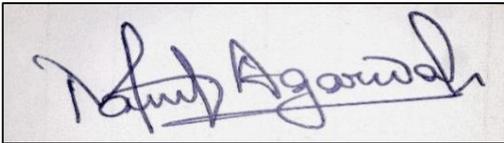
- **Project Management for Infrastructure & Real Estate Industries**

**Details:** - Organized by ILS Foundations, Kolkata & Simplex Infrastructures Ltd.

## **PERSONAL DETAILS**

Father's Name : Mr. Sanjay Agarwal  
D.O.B. : 28<sup>th</sup> Mar., 1991  
Gender : Male  
Religion : Hindu  
Marital status : Single  
Nationality : Indian  
Permanent Address : Hno.111, Karkend Bazar, P.O. Kusunda,  
Dist.: Dhanbad, Jharkhand – 828116

I hereby declare that the above mentioned information is correct to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

A rectangular box containing a handwritten signature in blue ink. The signature is written in a cursive style and appears to read 'Manit Agarwal'.

Signature  
( Manit Agarwal )