

Er. Rakesh kumar sainik

(Civil Engineer/Planner)

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E-mail:- rakeshsainik533@gmail.com ,
rinkusainik009@gmail.com**DOB – 22/09/1992****Present Address:**H.No.60, KR. -04, Butapara
Vill – Domuhani , Po. Office - Deorikhurd
Bilaspur - C.G., INDIA
Pin- 495004**CAREER OBJECTIVE**

Looking for challenging career and to work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a graduate to grow while fulfilling organizational goals.

BASIC ACADEMIC CREDENTIALS

Qualification	Board/University	Year	Percentage (%) /CPI
B.E (Civil Engineering)	Chhattisgarh Swami Viveknand Technical University , Bhilai (C.G.)	2013-2017	66.47% or 7.43/10
H.S.S.C(12 th)	CGBSE Bharat Mata Hindi. Med. school Bilaspur	2012	59.20%
High School(10 th)	CGBSE Govt. Higher Sec. school Deorikhurd	2010	75.00%

STRENGTH

- ❖ Quick Learner, Extremely Efficient in managing and working together.
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- ❖ Adapting to changing circumstances, Innovation, Inspirational, and Interpersonal, Interviewing job Candidates.
- ❖ Creative thinking, Creativity, Critical thinking, Cultivating Team Orientation among Staff.
- ❖ Learning from failures.
- ❖ Ability to rapidly build relationship and set up trust.
- ❖ Confident and Determined
- ❖ Ability to cope up with different situations.

ACADEMIC EXPERIENCE**❖ Minor Training**

- Under the supervision of SE PWD, Koni Bilaspur. Work done in Construction.

In the minor training I had trained at the construction of the school building in the construction of the school building. I learned how the foundation is done from the angle to the foundation. The structure is

done by how much material is used to prepare the structure. How to make the plan. How to test the material. What should be making of the structure etc. and I have done all this under Public Works Department Bilaspur. Training was of one month.

❖ **Major Training**

- Under the supervision of SE PWD, Koni Bilaspur. Work done in Construction.

Major training was done just like the minor training.

PROJECT REPORT

❖ **Minor Project**

- Traffic signal and its regulations by the means of solar energy.

We had been study of different types of traffic signals and its regulations, we have calculate of traffic density, traffic volume, and traffic capacity of Different zone in Bilaspur city. And we have design of Traffic signal model with generating signal of solar energy. Regulation of traffic signal by solar energy, Optimum utilization of solar energy, Conservation of mains. Electricity consumption. Traffic lights have become an integral part of human's day to day life to overcome excess energy consumption due to street lights and signal. With this motivation in the mind, this project aims at designing and implementing a running model of traffic light signal by solar energy instead of electric energy.

❖ **Major Project - Study on different types of Bridges.**

There are 6 major types of bridges such as following -

- a) **Arch -**
- b) **Beam -**
- c) **Truss -**
- d) **Suspension**
- e) **Cable-stayed -**
- f) **Cantilever -**

We have done our study on four following types of Bridges present in India, are-

Howrah Bridge, Kolkata

Bandra – Worli – sea - link, Mumbai

Chenab – Railway Bridge in Jammu & Kashmir,

Gandhi – Setu Bridge in Bihar.

INTERNSHIPS – 4 MONTHS

❖ **Comprehensive Mobility Plan , Bilaspur City -**

I have Involved in Comprehensive Mobility Plan in Bilaspur city and its surrounding area. I have work done in Report writing, Traffic Surveys, Data Process Analysis, etc. And this work I have completed with 6 Degreez Consultants Division of Pilliwar & Associates, Raipur.

PROFESSIONAL EXPERIENCE

Work on Civil Engineering and Urban Planning and Transport Planning Projects-

- ❖ Analysis and Design the Intersection and Interchanges
- ❖ Analysis and Design Scheme for traffic management during planning of CMP, Bilaspur.
- ❖ Coordinate of safety audit report prepared by the concessionaire.
- ❖ Preparation of detailed planning reports for projects.

- ❖ Analysis of Comprehensive Mobility Plan of Bilaspur City. From 6 Degreez Consultants.
- ❖ Division of Pilliwar and Associates, Raipur (C.G.) From Date of Service 7th November 2017 to Present.
- ❖ Technical skills, Report writing, project estimation, Survey Analysis and
- ❖ Project inter-personal skills to our level of satisfaction.
- ❖ Coordinates the review of plans and specifications of public works projects involving Public Utilities activities.
- ❖ May perform information processing related duties on a PC terminal, including using available statistical programs, data entry and retrieval, routine terminal operation.
- ❖ Ability to prepare clear and concise technical reports on civil engineering work assignments.
- ❖ Direct urban traffic counting programs.
- ❖ Develop or test new methods or models of transportation analysis.
- ❖ Define or update information like urban boundaries or classification of roadways.
- ❖ Analyze transportation-related consequences of federal state legislative proposals.
- ❖ Analyze information from traffic counting programs.
- ❖ Review development plans for transportation system effects, infrastructure requirements, or compliance with applicable transportation regulations.
- ❖ Prepare reports or recommendations on transportation planning.
- ❖ Document and evaluate transportation project needs costs.
- ❖ Analyze interpret data from traffic modeling software, geographic information systems, or associated databases.
- ❖ Define regional or local transportation planning problems or priorities.
- ❖ Analyze information related to transportation, like land use policies, environmental impact of projects, or long-range planning needs.
- ❖ Collaborate with other professionals to develop sustainable transportation strategies at the local, regional, or national levels.

INTERESTS

Housing & Community Planning, Layout Planning, Producing project resource histograms and forecasting resource estimates, Transport Planning and Traffic surveys, Surveying, Report writing and RCC Design.

IT PROFICIENCY

- ❖ **Analysis & Modeling** – Google Earth pro, Basics and Analysis ArcGis 10.2 & 10.3, Lumion pro 6.
- ❖ **Word Processor** – MS Office (Microsoft Office Word, Microsoft Office Excel, Microsoft Office, MS office Corel draw, MS office PageMaker, MS Office Power Point Presentation, Microsoft Office Picture manager, Windows Photo Viewer.)
- ❖ **Drafting** - AutoCAD 2D & 3D, Google SketchUp pro, Adobe Illustrator, Adobe Indesign.
- ❖ **Internet & Email** - Google Chrome, Mozilla Firefox, Internet Explorer, Opera mini (Excellent knowledge and experienced.). •
- ❖ **Database and Analysis** – Microsoft office word, Microsoft Office Excel, MS Office Power Point Presentation
- ❖ **Presentation** - MS Office Power Point Presentation, Adobe Photoshop CS6, Adobe Illustrator CS6, Adobe Indesign CS6, Adobe Bridge CC, Nitro Pro 9.

CO-/EXTRA – CURRICULAR ACTIVITIES

- ❖ All submission of online Examination Forms through Government.
- ❖ Wall Writing/Painting with brush Excellent Drawing.

ACHIEVEMENTS

- ❖ 1st Position in (5th , 10th ,) Board
- ❖ Winner in Singing internship competition, winner in Drawing Competition.

HOBBIES

- ❖ Reading, Teaching, Singing and writing etc.
- ❖ I do long time of till computer work.
- ❖ Designing.

PERSONAL DETAILS

- ❖ **Father's Name** :- **Sri Balram Prasad**
- ❖ **Mother's Name** :- **Smt. Draupati Devi**
- ❖ **Permanent Address** :- **Same as Present**
- ❖ **Date of Birth** :- 22th September 1992 (25yrs.)
- ❖ **Language Known** :- Hindi, English & Chhattisgarhi.
- ❖ **Marital Status** :- Single
- ❖ **Nationality/Religion** :- Indian / Hindu

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.

Place: Bilaspur

Date:



Rakesh kumar sainik

(Signature)