

# **CURRICULUM VITAE**

## **JAI KRISHNA TRIPATHI**

B.E.(Civil), M.E.(Structure)  
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### **CAREER OBJECTIVE:**

To accelerate the socio-economic development of country, taking into consideration the vast area of transport sector, road network and industries in India.

<b>PROPOSED POSITION</b>	: PM/GM
<b>PROFESSION</b>	: Civil Engineer B.E. (Civil), M.E.
<b>DATE OF BIRTH</b>	: 4th Nov 1977
<b>NATIONALITY</b>	: Indian

### **KEY QULIFICATION**

I am a post graduate in civil engineering having specialization in structural Engineering with 22 year of professional experience in the field of Highway pavement construction/ structural work with modern and sophisticated equipment quality surveyor planning and monitoring. Contractual correspondence of project and experience in construction of rigid and flexible pavement. I have experience of Bridge works with open/ pile/ well foundation and pre- stressed girders is well versed with the use of modern equipment and machinery, batching plant, cranes, launching girders, screed and high frequency vibrators, etc. .

### **EDUCATION**

1. First Class M.E. (Structure) from vinayaka mission university in 2006.
2. First Class Degree in (Civil) Engineering from Govt.Engineering College Rewa (M.P) with 65.8% in 2000.
3. First Class (Honors) Diploma in (Civil) Engineering from Govt. Polytechnic Nowgong (M.P) with 78.8% in 1995.

## **EMPLOYMENT RECORD**

<b>Sr. No.</b>	<b>Company Name</b>	<b>From Year To year</b>
1	Sr. Bridge/Structural Engg. Aicons. Engg. Pvt. ltd.	June 2017 to Till date
2	Project Manager(Structure) Essel Infra ltd.	Nov 2011 to May 2017
3	Sr. Engineer, NCC Ltd	Nov. 2006 to Oct. 2010
4	Highway Engineer, Artefact Project Ltd.	Aug. 2003 to Oct. 2006
5	Field Engineer, Maytas Infra Limited.	July 2002 to July 2003
6	Site Engineer, M/s Ramakant Pandey & Co.	June 2000 to June 2002
7	Site Engineer. M/s Ramakant Pandey & Co.	July 1995 to May1997

## **DETAILED EMPLOYMENT RECORD**

### **From June 2017 to Till Date**

Employer : **M/S Aicons Engineering Pvt. Ltd**  
Position : **Sr. Bridge/ Structural Engineer**  
Project Consultancy services For Authority's Engineer For Supervision of balance work of Rehabilitation and UP-gradation Satna - Bela section of NH75 fro KM 155+00 to KM202+040(Design Length of the Project;47.04 Km) to four lane with paved shoulder under NHDP-IV through Engineering ,Procurement &construction (EPC) in the state of Madhya Pradesh on EPC Mode.  
Client : **MoRT&H / PWD (NH) Rewa**  
Project Cost : **358.20 Crores , EPC**  
Project Length : **47.04 KM**

### **Project summary: -**

1. **Major Bridge**; Length of 248 m (Pile foundation)
2. **R.O.B.** 2 Nos. (Length of 94 m and 52 m) and
3. **Minor Bridges** 22 Nos.
4. **culverts** 60 Nos.

## **Description of Duties:**

Responsibilities included review of design and drawings of suggesting modifications, construction planning using MS-Project for Major Bridges with PSC Super structure and pile foundation, coordination with EPC Contractor and Authority Engineer, Review and evaluate geotechnical investigation reports a bridge sites, ensure implementation of Quality Assurance Manuals and systems, study and review and rectifying mistakes ,inspecting the aggregate sources identified for construction of Bridges/Structures by EPC Contractor, checking the adequacy of proper form work, laying/compacting of concrete including curing of construction work, checking of monthly requirements like steel, cement etc. Checking of As built drawings prepare by contractor, apart from the above was also involve in rehabilitation of existing structures. The project is being executed using international Best practices and modern bridges construction technology.

## **From Nov 2011 to May 2017**

Employer	: Essel Infra Project Ltd.
Position	: ProjectManager (Structure)
Project	: Four Laning of Gwalior-Shivpuri Section of NH-3 km 15.600 of NH-75(End of Gwalior bypass) to km 236.00 of NH-3 in the State of Pradesh on BOT (Toll) on DBFOT Pattern under NHDP Phase IV
Client	: National Highway Authority of India.
Project Cost	: 1500Crores, BOT
Project Length	: 125KM

## **Project summary: -**

Construction of major Bridge with pile foundation and open foundation.

1. Major Bridges-4 nos with open foundation length varied from 100m to 300 m with prestress girder.
2. Minor Bridges-49 nos with open foundations
3. VUP-9 nos and PUP-2nos with Box type structure
4. R. O. B.-3nos with pile foundation
5. Culverts-156 nos .Box culvert and Pipe Culverts.

## **Major Bridges Details:-**

1. MJB KM 53.678 -3X21 with open foundation with RCC Girder in River
2. MJB KM 61.300-12X25 with open foundation in rocky strata, superstructure PSC type girder
3. MJB KM 57.765 -7X18 with open foundation with RCC Girder in River
4. MJB KM 83.700 -5X21 with open foundation with RCC Girder
5. ROB KM 2.044 - 2X19+1X37. With Pile Foundation ,Superstructure with steel Girder.

6. ROB KM 109.900 - 2X19+1X37. With Pile Foundation ,Superstructure with steel Girder
7. ROB KM 121.040 - 2X19+1X37. With Pile Foundation ,Superstructure with steel Girder

### **Description of Duties:**

Responsibilities include proof checking of detailed design and drawings and issuing of construction drawings. Supervision of construction of Highway and structures. Suggestion and comments on design and modification. It staff during the execution. Supervision, inspection and quality control for Execution of work. Preparation, review and suggestion of methodologies for Road, Bridge, CD and other structural works.

### **From Nov.2010 to oct.2011**

Position	: <b>Manager (Structure)</b>
Employer	: <b>Era Infra Engineering Limited</b>
Project	: 4 Laning of NH-24 Bareilly to Sitapur in U.P. (km 262 to km413) on BOT Basis
Client	: National Highway Authority of India.
Project Cost	: 1750Crores,BOT
Project Length	: 151KM

**Project summary:** - construction of major Bridge with well foundation., pile foundation and open foundation .

1. Major Bridges-8 nos with well foundation length varied from 100m to 200 m with pre-stress girder and steel girder.
2. Minor Bridges-14 nos with open foundations
3. Grade Saperator-5 nos with pile foundation and RE Wall
4. VUP-18 nos and PUP-11nos with Box type structure
5. R. O. B.-4nos with pile foundation
6. Culverts-150 nos .Box culvert and Pipe Culverts

### **From Nov. 2006 Oct.2010**

Employer	: <b>Nagarjuna construction company Pvt. Ltd.</b>
Position	: <b>Sr. Engineer(Bridges)</b>
Project	: DESIGN, ENGINEERING, CONSTRUCTION, DEVELOPMENT, OPERATION AND MAINTENANCE OF KM 220.00 TO KM 255.00 ON ORAI - BHOGNIPUR SECTION ON NATIONAL HIGHWAY NO. 25 (NH 25) AND KM 421.20 TO KM 449.00 ON BHOGNIPUR - BARAH SECTION ON NATIONAL HIGHWAY NO.2 (NH 2) IN THE STATE OF UTTAR PRADESH ON BOT BASIS .
Client	: National Highway Authority of India.
Project Cost	: 465 Crores, BOT
Project Length	: 60 KM

**Project summary: -**

Construction of major Bridge with well foundation.

- (i) 800 m. well foundation bridge at Yamuna River Kalpi.
- (ii) 85 m. bridge with well foundation at Sengur River. 6 no. fly over with Retaining Earth structure length vary from 30 m. to 400 m. length with pile foundation. Box culvert's beam slab, 85 no. Box culvert's 2 minor bridge, with open foundation.

**Description of Duties:**

Responsible for Review, checking of detailed engineering designs and drawings, supervision of construction work as per technical specifications of MORT&H & IRC Guidelines, Setting out, Quality Assurance of work by material testing, Establish Quality Control System and methodology, Review of contractor's work program and Construction Methodology, Review of contractor's setting up of laboratory and testing devices, Collecting material samples, testing and certifying the suitability for use, Checking of reinforcement, BBS, Shuttering, Staging, Cable profile, Stressing of tendons, Grouting of PSC cable ducts, etc., Preparation of concrete mix designs based on tests on materials, Conducting tests at completion stage of each item to confirm that the work has been completed as per the standards specified and it satisfies the functional requirement, Inspection of works at various stages of construction, Supervise the rehabilitation works of existing bridges, Verification of formwork, steel fabrication work, etc., Verifying and ensuring all safety precautions during the construction work, Monitoring progress of work, Certification of measurement of completed works, Checking of Variation Orders and checking of bills, Check and approve 'as-built' drawings prepared by the contractor, Liaison with client and contractor regarding drawing and design, Preparation of Progress Reports and other reports, as and when required, as per contract agreement.

**MJB Details**

- 1- MJB KM 245.00 -9x85 ,with well foundation with 8m dia and depth was 25m to 30m. super structure was with Segmental arch type Bridge with 85m of single span of bridge.
- 2-MJB KM 430.600 -3X28, with well foundation type foundation and superstructure was PSC type girder.

**August 2003 to Oct. 2006**

Employer	: Artefact Project Ltd. with Zaidun Leeng Malaysia.
Position	: Highway Engineer
Project	: Madhya Pradesh State Highway SH-22.
Client	: Madhya Pradesh Road Development corporation.
Project Cost	: 85 Crores, BOT
Project Length	: 140 K.M.

**Description of Duties**

- ❖ Responsibilities include proof checking of detailed design and drawings and issuing of construction drawing. Updating the records as per executed work done by contractor.

- ❖ Supervision of construction of Earthwork, GSB, WMM, DBM, BC and. Rigid Pavement  
Monitory and supervision the day to day work with the required specification and in associates of quality control as per month & Technical specification
- ❖ Supervision of the work i.e. slab culvert, pipe culvert major & minor bridges.
- ❖ Quality control as per MORT and technical specification and providing technical suggestion and structure in Association in executed structural works.

#### **July 2002 to July 2003**

<b>Employer</b>	<b>: Maytas Infra Limited.</b>
<b>Position</b>	<b>: Field Engineer</b>
<b>Project</b>	<b>: Rewa-Shahdol M.P. State Highway.</b>
<b>Client</b>	<b>: MPRDC</b>
<b>Project Cost</b>	<b>: 160 Crores</b>
<b>Project Length</b>	<b>: 150 K.M.</b>

#### **Description of Duties**

- Execution for different daily activities for in construction of flexible/ rigid pavement and structural work as per required of MORTH specification as a field Engineer.
- Up daily the recode as per executed work done by contractor.

#### **June 2000 to June2002**

<b>Employer</b>	<b>: M/s Ramakant Pandey &amp; Company.</b>
<b>Position</b>	<b>: Site Engineer.</b>
<b>Project</b>	<b>: Construction work in minor &amp; major district roads and PWD in Distt satna &amp; Rewa (M.P.)</b>
<b>Client</b>	<b>: PWD Madhya Pradesh</b>
<b>Project Cost</b>	<b>: 25 Crores (approx.)</b>
<b>Project Length</b>	<b>: 80K.M.</b>

#### **Description of Duties**

- Construction of execution of work, culverts, slab culverts & pipe culverts Minor & major bridges and Construction of highway work.
- Preparation of bar bending schedule drawing and planning of work etc.
- Construction execution of work as per month specification.

#### **Form July 1995 to May1997**

<b>Employer</b>	<b>: M/s Ramakant Pandey &amp; Company.</b>
<b>Position</b>	<b>: Site Engineer.</b>
<b>Project</b>	<b>: Construction work in PWD in Distt satna &amp; Rewa (M.P.)</b>
<b>Client</b>	<b>: PWD Madhya Pradesh</b>

**Project Cost : 15Crores (approx.)**  
**Project Length : 50 K.M.**  
**Description of Duties**

Construction of Building works. Construction of HP culverts Box culverts & structural works. Survey work taking of levels OGLS, FRL, and Alignment of Road. preparation of Gross section, Drawings and Planning of work etc.

<b>LANGUAGES</b>	<b>READ</b>	<b>WRITE</b>	<b>SPEAK</b>
<b>English.</b>	<b>Excellent</b>	<b>Excellent</b>	<b>Good</b>
<b>Hindi</b>	<b>Excellent</b>	<b>Excellent</b>	<b>Excellent</b>

Salary Expected: Negotiable

Signature

Date:

(Jai Krishna Tripathi)

Place: