

**Namdev S. Bagdure**

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Contact No: +91-9975722059

B.Tech Civil, Civil/Structural Engineer

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## **OBJECTIVE**

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To work in highly challenging environment with ample scope for personal and professional growth, with adaptation of latest technologies, concepts and to perform with sincerity.

## **SUMMARY**

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I hold 4.5+ years in Black & Veatch Ind. Pvt. Ltd. & Vastustruct Consultants Pune. I work as a Civil/Structural Engineer for the various projects in Power/Power delivery department at Black & Veatch. I had worked on various industrial steel buildings & structures as a structural design engineer at Vastustruct consultants Pune.

## **WORK EXPERIENCE**

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**Black & Veatch India Pvt. Ltd. Pune (30<sup>TH</sup> September 2015 to till date)** - My roles and responsibilities in the current organization are as below –

1. Structural design of various substation structures like buildings (GIS & Control Buildings), transformer & other outdoor substation equipment foundations and structures, cable trenches & T-line structures.
2. Responsible for coordination with site (Construction Support), Electrical, Architectural, owner, fabricator & other concerned disciplines for the projects.
3. Responsible for preparation of procurement specifications for Civil/Structural items.
4. Calculation of BOQs and support to proposal work for various projects.
5. Responsible for reviewing Steel/RCC Buildings, other steel superstructures and foundations.

Codes – American, some local Indonesian and Vietnamese codes and Euro codes with Singapore Annexes.

Tools – Staad Pro., RISA-3D, Tekla Tedds, MS Office, Mathcad, PLS Tower.

### **Vastustruct Consultants Pune (16<sup>TH</sup> July 2014 to 25<sup>th</sup> September 2015):**

My role and responsibilities in Vastustruct –

1. Designing various PEB buildings and other industrial structures.
2. Construction support to clients.
3. Preparation of quotations for clients for various structures.
4. I had designed 60+ various types of steel structures while working in Vastustruct.

Codes – IS, AISC, MBMA.

Tools – Staad Pro., MBS, MS Office, Crane beam, Cold formed section.

## **PROJECTS BRIEF**

1. **INTEGRATED WASTE MANAGEMENT FACILITY Singapore (IWMF) – 230kV & 66kV Substations – In progress**

**Design and analysis (Superstructures & foundations\_ Owners Engineers for build contract) of 1. 230kV & 66Kv Substation GIS & Control building (Height=27m, 4 Stories, Blast Proof). 2. Transformer, NGR, Diesel Generator Foundations 3. Cable Trenches/sewers - Black & Veatch. 4. Preparing Specifications & BOQs for build contract.**

1. Responsible for design (superstructure & foundation) of above mentioned structures.
  2. Responsible for design of cable trenches and road culverts.
  3. Responsible for coordination with Electrical, Architectural, Geotech, Site group & singapore team for approval and construction Support.
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- 2. PT. PERUSAHAAN LISTRIK NEGARA (PERSERO); Lontar Extension; Lontar, East Java, Indonesia; 2016 – Construction completed**

**Design and analysis (Superstructures & foundations) of 1. 150 kV Substation control building. 2. 150 kV GIS Building 3. Cable Trenches - Black & Veatch.**

1. Responsible for design (superstructure & foundation) of 150 kV Substation Control Building, GIS Building, 150 kV Substation Gantry Foundation & other substation structures.
2. Responsible for design of cable trenches and road culverts.
3. Responsible for coordination with Electrical, Architectural, generation civil team, owner, fabricator & other concerned disciplines for above structures.

- 3. GREEN EARTH POWER (MYANMAR) SPV; MINBU SOLAR PROJECT - 230 kV HV Substation; Minbu, Myanmar; 2017 – Completed**

**Owners Engineering - Design Review of 230 kV HV substation structures - Black & Veatch.**

Responsibilities-

1. Responsible for reviewing Steel/RCC Building, other steel superstructures and foundations.

- 4. Los Angeles Department of Water and Power; Haskell - Rinaldi Reconductoring of 230 kV Transmission Line; Haskell - Rinaldi (Los Angeles), United States; 2015-Completed**

**Civil / Structural Engineer - Black & Veatch.** Project Details: Checking and modifying towers for reconductoring of 230kV Haskell - Rinaldi transmission line.

Job Responsibilities in Projects: 1. Supported for design modifications and design, erections drawings.  
2. Supported and checked fabrication drawings.

- 5. Electricity Generating Authority of Thailand (EGAT); Chachoengsao 2 Substation; Chachoengsao, Chachoengsao, Thailand; 2015-Completed(Proposal)**

**Civil/Structural Engineer - Black & Veatch.** Project Details: Two Substations of 230kV and 500 kV

Job Responsibilities in Projects: 1. Calculation of BOQs of various foundations, buildings (both RCC and Steel buildings/structures) from drawings provided by EGAT.

2. Preparation of proposal sheet in MS - Excel.

- 6. Imsofer Manufacturing India Pvt Ltd, Baramati (Maharashtra India); Extension of Existing Plant Building in PEB; Baramati (Pune), Maharashtra, India; 2014-2015-Completed**

**Structural Design Engineer - Vastustruct Consultants Pune (India).** Project Details: G+1 Process Plant Mezzanine Building with chequered plates for floors.

Total Tonnage of Project- 270 MT.

Job Responsibilities in Projects: 1. 2D ,3D Modeling, Analysis and Design by using STAAD-PRO. 2.

Checking structural drawings using software like AutoCAD.

- 7. Jindal Poly Films Ltd.; Jindal Polyfilms Process Plant, Nasik (Maharashtra, India); Nasik, Maharashtra, India; 2014-2015-Completed**

**Structural Design Engineer - Vastustruct Consultants Pune. (India).** Project Details : G+3 Process Plant Mezzanine Building with chequered plates for floors. Total Tonnage of Project- 250 MT.

Job Responsibilities in Projects: 1. Prepared proposal quotation. 2. 3D Modeling, Analysis and Design by using STAAD-PRO. 3. Checking structural drawings using software like AutoCAD.

**8. Spicer College Pune.; Spicer College Pune Auditorium Metal Roof (Maharashtra, India); Pune, Maharashtra, India; 2014-Completed**

**Structural Design Engineer - Vastustruct Consultants Pune. (India).** Project Details: Truss Roof with 13.6 m Span.

Total Tonnage of Project- 9.0 MT.

Job Responsibilities in Projects: 1. 2D Modeling, Analysis and Design by using STAAD-PRO.

2. Producing & Checking structural drawings using software like AutoCAD.

**KEY ACHIEVEMENTS**

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- 1st rank in boys in School in 10th Board Exam.
- 1st prize for highest marks in mathematics in 10th Board Exam in school.
- Prize for 98 Marks (out of 100) in Mathematics in MH-CET EXAM.

**ACADEMICS**

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- B.Tech in Civil Engineering from College of Engineering Pune (COEP) in 2014 with 6.15 CGPA.

**TECHNICAL SKILL SETS**

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**Tools :** Staad Pro., RISA-3D, Tekla Tedds, MS Office, Mathcad, PLS Tower, MBS, Crane beam, Cold formed section.

**Codes :** American, some local Indonesian and Vietnamese codes and Euro codes with Singapore Annexes, IS, AISC, MBMA.

**EXTRACURRICULAR & CO-CURRICULAR ACTIVITIES**

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- Participated in "MIND SPARK -2010, UTOPIA.
- Member of "MIND SPARK -2010 ESM" team.
- Worked in NSS.

**PERSONAL INFORMATION**

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Date of Birth : 19<sup>th</sup> June 1990

Area of Interest : Reading Novels, Literature, Playing and watching cricket, Bike riding

Languages Known : English, Marathi, and Hindi.

Correspondence Address : Flat No. C-8, Nilesh Plaza, O/P Datta Mandir, Kalepadal Chowk, Kalepadal, Hadapsar, Pune – 411028.

**DECLARATION**

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I do here by confirm that the information given in this form is true to do the best of my knowledge and belief.

Namdev S. Bagdure