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| *REETABRATA GHOSH, b.Tech, AMIE, Chartered Engineer(India)* | *Mobile: +91 9433460995/8240584731* |
| *Structural Engineering Professional* | *e-mail: reetabrataghosh@gmail.com* |

PROFILE

A Structural engineer with 17+ years of Design, detailing, BOQ as well as site experience with a passion for Structural Engineering.

* 12 years 6 months of experience in Design, Detailing, Rate Analysis, Boq, Quantity Survey, Civil & Structural Execution work.
* Preparation of GADs of structures for various government departments as per Standards.
* Preparation of Detailed Design Report for various components of Bridge/flyovers over highway, railway & waterbodies.
* Preparation of Preliminary & Detailed drawings for various components of Bridge/Flyovers over highway, railway & waterbodies.
* Preparation of BOQ, Rate analysis with preliminary/Detailed Quantity Calculation.
* Preparation of Detailed Project Report.
* Inventory Studies of Various Road & Highway Structures.
* Capacity Calculation of Shallow & Deep foundation from soil report.
* Proof Checking of various component of bridge/Flyover.
* Getting Proof checked from IITs/NITs/Rail/other Government organization.
* Preparation of Detail design report & Construction Drawing of Multistoried Building.
* A self-motivated person who can coordinate and guide a team to deliver quality work within deadlines.

PROFESSIONAL MEMBERSHIPS

* Chartered Engineer and Member (AM-1491345) of Institution of Engineers India.
* Structural Engineer Class – I of Howrah Municipal Corporation.
* Geotechnical Engineer Class – I of Howrah Municipal Corporation.

EXPERIENCE

RITES Limited, Highway Division & ERPO, Kolkata

An engineering consultancy under Ministry of Railways, Govt. of India, specializing in the field of Rail Infrastructure, transport infrastructure with projects executed in over 62 countries worldwide.

*Assistant Manager/Civil-Structural Engineer* November 2nd 2012 – Present

* Involved in analysis and design of road & river/canal bridges using software like STAAD Pro in the Highway Bridge Design Department.
* Involved in analysis and design of Substation, Station Building & Staff Quarter using software like STAAD Pro, E-Tab in the ERPO Design Department.
* Guiding draftsman in drawings preparation.
* Preparation of BOQ & Detailed Quantity Calculation.
* Getting Proof checked/Vetted of Various structures from IIT/NIT & Rail.
* Assist site engineers to solve design & drawing related issues of ongoing Projects.
* Projects Handled:
  + Preparation of Detailed Design, Detailed drawing, Boq , Hydraulic Calculation of kagnasabati & Shilabati bridge in West Medinipur of 303 Km Long Kharagpur to More gram Project.
  + Involved in Preparation of Tender drawing, Boq , Quantity Calculation of Kona Expressway Project.
  + Involved in Design of a 75m span Bowstring Girder Road Over Bridge superstructure & substructure at BansBeria, Hooghly. The design is approved by Eastern Rail after proof checking.
  + Preparation of Detailed design, Drawing, Boq & Quantity estimation of Foundation, steel substructure & composite superstructure of Proposed Flyover Project along Syed Amir ali Avenue-Kolkata.
  + Preparation of Detailed design, Drawing of RCC substructure & superstructure, Preparation of Boq & Detailed Quantity estimation of Proposed Flyover Project at Ruby along E.M by pass-Kolkata.
  + Involved in preparation of Detailed design, GFC drawing, Boq, Detailed quantity estimation of 373 RCC bridges over irrigation canal in 7 district of West Bengal under I&WD Government of West Bengal. The design & drawings are approved by Central Design Office of I&WD after Proof checking.
  + Preparation of detailed design, GFC drawing & getting Proof checked by IIT KGP of all the approach substructures of 2 Nos ROB at Bandel & Adisaptagram under WBHDCL.
  + Involved in preparation of Detailed design, Drawings & Quantity Estimation of ROB near Fatuha Patna in Ultratech Clinker grinding unit project. The design & drawings are approved by NIT/IIT Patna after Proof checking.
  + Proof Checking of Composite superstructure & Substructure (including Rail GAD) of 11 Nos ROB in Garden Reach Flyover project under KMDA.
  + Proof Checking of Warren type truss Superstructure at Bhatpara under KMDA.
  + Preparation of Detailed Quantity Calculation & Boq of PKG-III Project (Excluding Second Ishwar Gupta Setu) under WBDCL.
  + Involved in Preparation of detailed design, drawing & quantity estimation of Bridges under PKG-I& PKG-II under WBHDCL.
  + Involved in Design of a 75m span Bowstring Girder Road Over Bridge superstructure & substructure at *Mogra*, Hooghly under PKG-II Project. The design is approved by Eastern Rail after proof checking.
  + Preparation of Drawings, Boq & Quantity estimation of Bridge over Mahananda River in Siliguri under Siliguri municipal corporation.
  + Preparation of Detailed design, Drawing, Boq & Quantity estimation of ROB at Raghunathpur under DVC.
  + Detailed quantity calculation of Substructure & superstructure of Vivekanada Road flyover demolishment Project under KMDA.
  + Preparation of GAD, Detail design & Drawing of Panel Building For Pvt Siding of Patratu Super thermal Power Project under East Coast Railway.
  + Preparation of GAD, Detail design & Drawing of Staff Quarter Building For Electrification of Lumding Badarpur section of NFR Railway.

IVRCL Infrastructure & Projects Ltd, Kolkata, West Bengal

A renowned Indian Infrastructure company undertaking Water Projects, Transportation Projects, Industrial Infrastructure Projects.

*Assistant Engineer* August 3rd 2009 – November 1st 2012

* Preparation Daily Progress Report.
* Preparation of contractors Bill & involved in Preparation of client Bill.
* Co-ordination with clients, vendors, consultants and other departments for technical discussions.
* ISO documentation for the department.
* Projects handled:
  + *Vivekananda Road Flyover Project Kolkata under Kolkata Metropolitan Development Authority.*

Tantia Construction Ltd, Kolkata, West Bengal

A renowned Indian Infrastructure Company specialized in railway infrastructure, bridges, Roads - Highways.

*Site Engineer* July 14th 2008 – July 31st 2009

* Involved in execution of RCC structures like Pile, Pile Cap, Pier, pier Cap & Deck slab over Steel Girder.
* Preparation of Contractor Bill.
  + *Nabadiganta Flyover Project Kolkata under Kolkata Metropolitan Development Authority.*

Simplex Infrastructure Ltd.

 A renowned Indian Infrastructure diversified company established in 1924 and executing projects in several sectors like Transport, Energy & Power, Mining

*Graduate Engineer Trainee* November 2nd 2007 – july 12th 2008

* Preparation of BBS of RCC Structure.
* Execution of Conveyor belt Open Foundatiom.
  + *Lafarge Mejia Cement Plant Project under Lafarge India Ltd.*

EDUCATION

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| **Course** | **Institution** | Passed out in | CGPA / % |
| B.Tech.  Civil Engineering | Meghnad Saha Institute of Technology (WBUT) | May 2007 | 7.88 |
| 12th Std (WBCHSE) | Vivekananda Institution Howrah | March 2003 | 65.6% |
| 10th Std (WBBSE) | Vivekananda Institution Howrah | March 2001 | 78.1% |

PROFESSIONAL COURSE

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| **Course** | **Institution** | Passed out in |
| Diploma in Business Management | The ICFAI University, Tripura | November 2010 |
| Diploma in Civil CaDD | CaDD Center, Bangalore | January 2009 |
| Primavera – P3 | CaDD Center, Bangalore | January 2009 |

PROFESSIONAL TRAINING

* Successfully participated in on line training Programme on “DESIGN OF BRIDGE STRUCTURE & FOUNDATION” organized by CSIR-Central Road Research Institute, New Delhi India from 24th – 26th February-2021

PERSONAL INFORMATION

Father’s Name: Asim Kumar Ghosh

Date of Birth: 31/05/1986

Gender: Male

Marital Status & Children: Married, 1 son & 1 daughter

Languages known: Bengali, Hindi, English

Present Address: Hatpukur, Near Balok sangha G.I.P colony Ramrajatala Howrah-711112.

Permanent Address: Hatpukur, Near Balok sangha G.I.P colony Ramrajatala Howrah-711112.

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| *‘Bridge & Elevated Structures are my passion and I shall contribute and grow with the company.’* | |
| Kolkata | Yours sincerely,  *Reetabrata Ghosh* |
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