



SAKSHI YADAV

PROJECT LEAD || STRUCTURAL CONSULTANT | GURGAON, INDIA | +91 8447924213

DETAILS

Studio 502, Emaar MGF Palm Drive,
Sector 66, Gurgaon, Gurgaon, India
+91 8447924213
yadav.sakshi@gmail.com

DATE OF BIRTH
1991-06-05

NATIONALITY
Indian

SOCIAL PROFILES

LinkedIn
<https://www.linkedin.com/in/sakshi-yadav-0a650446/>

SKILLS

Communication and Management

STAAD

Autocad

Etabs

MS Skills

Revit

Eurocodes and Indian design codes

Microstation

Business development

HOBBIES

Writing, Reading, Astronomy,
Aesthetics and colors,
Backpacking, Meditation and Yoga

PROFILE

I am an Intelligent Engineer with entrepreneurial vision and mission. Primal foreign exposure , professionally and culturally. Keen inclination in geometry and architecture
Accomplished professional experience with a ethical record in major aspects of Structural design and successful delivery of projects. Excellent team player and collaborator; forward thinker who brings a broad perspective with ability to conceptualise problems and develop well-reasoned and integrated solutions. Hence can manage multiple projects within specifications and restrictions. QUALITY IS PRIORITY.

CAREER OBJECTIVE

Growth and learning is endless , Aspiring to work in an environment that challenges me to improve and constantly thrive to excel while carving out the niche for personal, professional as well as organizational goals.

EMPLOYMENT HISTORY

Engineering Project Team Lead at BLUEPRINT DESIGN CO., PALAM VIHAR, GURGAON

July 2017 – Present

Understanding Client requirement, Budget estimation, Payment schedule , Compliance report BOQ, Distributing work as per team's interpersonal specialization , Delivery time and explaining at Site .

Recent Projects as below :

Spanish Embassy, Prithviraj Road , New Delhi

- Proposing economical architectural layout and structural drawings approved for construction.
- Stability Check at STAAD and drawings in Microstation and Autocad.
- Truss roof and column reinforcement details
- Design of new masonry walls and reinforced foundation
- Coordination with site contractors and Engineers from other disciplines(Electrical, drainage , HVAC and MEP)

Arttdinox, Mumbai, JINDAL Project

- Mezzanine floor design , structural design layout of steel portal frame.
- Design check on Tekla(steel software), STAAD.
- General arrangement and beam & column reinforcement and load calculations (A1) .
- Autocad drawings for columns and beam and respective bolt plate connections.
- Cantilever staircase and support beam design and drawings.
- Bill of quantity and cost estimation in Excel format.

NHAI Plantation (Haridwar)

- Tender and Bidding
- 10 km length of horticulture and 3 year maintenance.
- Cordination and approval meeting with Govt appointed Officials.

- Nursery and Water container Execution on Site, successfully delivered.

Box Culvert and vehicular underpass design , SIRSA, Rajasthan

- Preliminary design report.
- Detailed design and DPR report.
- Load calculations using LUCAS software.
- 82 Drawings in Autocad 1:500 scale .

Assistant Structural Engineer (RAILS) at WS ATKINS India, Cybercity, Gurgaon

October 2014 – July 2017

Few of major projects done are as below:

Client : Network Rail,

Northern West Electrification Program (NWEF) ,United Kingdom

- Presse Hall bridge pier foundation load calculation and design
- Detailed foundation drawing

Buckingham Footbridge (London)

- Steel Footbridge design and approved drawings.
- coordination with other disciplines and engineers.
- Daily progress report of Cad designers and engineers.

Level Crossings (U.K)

Cambridge Stage 3 , Feltham Resignalling ,Sawston and other 17 sites

- Designing Highway alignment & equipment positioning,
- Preparation of ground plan with Obstacle Detection projection plan and sections in accordance with Network rail guidance and Rail Regulations

Platform extension (London)

Manor Park Station , Maryland Station

- Drainage Calculations.
- On Surface works and Redesigning.
- Detailed drawing for site construction.

Bridge Assessment Yorkshire, U.K (13 Km)

- Analysis and judgement of condition of arch bridge
- Providing economical solution with new Parapets and handrails.
- Design and drawings for construction.

Project Structural Engineer at Sudha Technical Consultants Pvt Ltd, Lado Sarai India

November 2013 – October 2014

Responsible for interacting with the client, Quantity estimation, design and analysis of Buildings , Drawing layout and detailed drawings for site..

Projects as below:

Capital Greens Apartments, Gurgaon.

- The project, 21 storey residential building, involved Modelling on Etabs, Foundation Modelling on SAFE, Design of Slab and Reinforcement Detailing for residential building.

Prateek Edifice Apartment, Sector 68, Noida

- The project, 24 storey residential building, involved Modelling on Etabs, Foundation Modelling on SAFE, Design of Slab, Reinforcement Detailing for beam ,column. Reviewing the calculations and drawing review

G+3 residential housing ,G.K

- Slab design, Beam design, Column Design and isolated footing design by manual calculations, rechecked by Etabs.

Regency Park ,Greater Noida

- Reinforcement Detailing for Beam and Column, Load Calculations.
- AFC drawings on site works.

EDUCATION

UNIVERSITY OF SHEFFIELD, SHEFFIELD, UNITED KINGDOM

September 2012 – October 2013

Degree: MSc(Eng) Structural Engineering

Key Subjects

Advanced Engineering Research Study Linear Systems and Structural Analysis Applications to Earthquake Engineering and Vibration Computational Structural Analysis Structural Design for buildings, tunnels , highways etc

Galgotias University, Greater Noida

July 2008 – June 2012

Degree: Bachelor of Technology (B.Tech)

Key subjects

Surveying-land and surveying Material science and engineering Construction engineering Structural Analysis & Design Design of Hydraulic Structures Architecture and Town Planning Earthquake engineering Environmental engineering Geotechnical engineering Transportation engineering

COURSES

Autodesk(Autocad , Revit, Sketchup), CAD Academy

June 2009 – September 2009

EXTRA-CURRICULAR ACTIVITIES

Volunteer at Karma Animal Foundation, Sohna

2017

144 dogs rescued , helping them with resources

Education Couseller for IUBH, Berlin at International Placewell Consulants (IPC), Bikaji cama Place

2015

Host Seminars and Career fair.

Represent IUBH , Management university (Berlin and Bad Honnef Campus)

Creative Content at Flightsbank.com, Toronto , Canada

2017

Travel Blog for the company.

I write articles promoting green environment and ecology in tourism.

REFERENCES

 References available upon request