Sourav Banerjee

Structural Engineer

sourav.banerjee@example.com +91 98XXX XXX03 Kolkata, West Bengal
linkedin.com/in/sourav-banerjee-example

PERSONAL STATEMENT

Structural engineer with 11 years of experience in analysis and design of high-rise residential, commercial and industrial structures in RCC and structural steel. Expert in ETABS, STAAD.Pro and SAFE with design to IS 456, IS 1893 and IS 800, and experienced in leading design teams and peer reviews.

WORK EXPERIENCE

Lead Structural Engineer · Hooghly Structural Consultants Pvt Ltd, Kolkata — Jan 2019 – Present

- Lead a team of 6 engineers and 4 draughtspersons designing residential towers up to G+32 and commercial buildings across eastern India.
- Cut concrete and steel quantities by 9% on a G+28 tower through a revised shear-wall layout and a post-tensioned slab option, saving about ₹3.2 crore.
- Designed a 24,000 sq m pre-engineered and conventional steel warehouse with crane girders for an industrial client.
- Review all drawings before issue, reducing site RFIs per project by about 35% compared with the previous two years.

Structural Design Engineer · Eastern Design Associates, Kolkata — Jul 2014 – Dec 2018

- Analysed and designed 40+ RCC buildings, including foundations on pile and raft systems in soft-soil conditions.
- Prepared design basis reports, calculations and drawings for approval by municipal authorities and proof checkers.
- Carried out structural audits of 15 older buildings and recommended retrofitting with jacketing and FRP wrapping.

EDUCATION

M.Tech in Structural Engineering · Bengal Engineering and Science College, Howrah — 2012 – 2014
Grade: 8.6 CGPA

B.Tech in Civil Engineering · Jalpaiguri Government Engineering College, Jalpaiguri — 2008 – 2012
Grade: 8.1 CGPA

SKILLS

ETABS · STAAD.Pro · SAFE · RCC design · Steel design · IS 456, IS 1893, IS 800 · Foundation design · AutoCAD

CORE SKILLS

- Seismic design
- Design review
- Team leadership
- Value engineering
- Client and architect coordination

CERTIFICATIONS

Chartered Engineer (India) · The Institution of Engineers (India) — May 2020

LANGUAGES

English · Professional · Bengali · Native · Hindi · Fluent

MakePerfectResume . Free