Shobhit Kulshreshtha

B.Tech - Department of Civil Engineering
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DEGREE	INSTITUTE	CGPA/%	YEARS
B.Tech	Indian Institute of Technology Roorkee	8.361	*2011-2015*
Senior Secondary (C.B.S.E.)	B.R.B. Saraswati Vidya Mandir, Agra	87.0	*2010-2011*
Secondary (R.B.S.E.)	Central Academy School, Bharatpur	88.5	*2008-2009*

EXPERIENCES

Management Engineer Trainee, Shapoorji Pallonji and Co. Pvt. Ltd. || Current Employee   *July, 2015- till date*

- **Executed and stream lined** the construction activities to ensure quality and timely completion.
- **Conducted a time–motion analysis** of various activities for **optimum allocation of resources**.
- Prepared an **analytical estimate of steel fitter's productivity** for a **fixed time and fixed target period** and worked on **implementation of improvements** for the same.

Ercon Composites || Industrial Intern   *May-June, 2014*

- Successfully **built and executed a testing assembly** for testing of designed structures and structural elements.
- Designed and analyzed FRP structures as per Indian and International design codes.

PROJECTS

Analysis and design of multi-storeyed faculty apartments and married student hostels at Niti Nagar || Undergraduate Major Project   *July, 2014 – May,2015*

- It included designing of essential and security facilities like wastewater treatment plant, water supply management, firefighting systems and rain water harvesting systems.
- Added facilities included designing of pavements, swimming pool, overhead service reservoir and an underpass connecting both the campuses.
- Performing structural analysis and design execution in AutoCAD and STAAD.Pro.

Analysis of Traffic behavior at signalized intersection enabled with countdown timer || Mini Projects   *July-Dec, 2014*

- Extraction and analysis of headway data for establishing a real-time Velocity-Acceleration relationship.
- A before-and-after study on the effect of countdown timer on queue discharge characteristics under heterogeneous traffic system

Surveying Camp || Mini Design Project   *Jan-Apr, 2014*

- Preparing the topographical map of the Chandighat area (Haridwar).
- Implementation techniques included Plane Table Surveying, GPS, Theodolite and Total Station.

TECHNICAL PROFICIENCY

- **Programming Languages:** C, C++, Java
- **Software Packages:** Adobe Photoshop, MS-Office, AutoCAD, STAAD.Pro, Google Sketchup, ERDAS Imagine
- **Operating System:** Microsoft Windows, Linux

RELEVANT COURSES

- **Computer Science: Computer Systems and Programming**
- **Mathematics: Maths-I&II** (Including Calculus, Matrix Algebra and Differential Equations), **Numerical Methods**
- **Management: Management Concepts and Practices, Economics**

ACHIEVEMENTS

- Winner of **Utopia**, an event in **Sankalp-2014**(Social initiative under the aegis of NSS, IITR) for proposing a **model of women empowerment**.
- **Lead and Choreographed** several **winning dances in THOMSO** (The Annual Cultural festival of IITR) during July'11 to May'15, as a member of Choreography and Dance Section, IIT Roorkee.
- Received the prestigious **"Guard of Honor Cadet of 3 UK CTR NCC"** and hold "B" Certificate for brilliant Overall performance and being an active Army Cadet during July'11 to May'12.

EXTRA CURRICULARS

Social Activities

- Lead the **Independence Day Parade 2011** as a part of the "**Guard of Honor Team, NCC"**.

Cultural Activities

- Active member of Choreography and Dance Section, IIT Roorkee during July'11 to May'15.

Event Management

- Served as **Events Manager** in **General Organizing Committee, THOMSO 2013.**
- Successfully organized **FOOTLOOSE**, **Farhan Akthar Pro Nite** and other successful events which witnessed an overwhelming crowd of more than 1500 people.

Interests

- Dancing, Playing Guitar, Playing Badminton, Reading, Playing Computer Games.

(References available on request)