Kuldeep P. Thakkar

551-263-6383 | thakkarkuldeep95@gmail.com

EDUCATION:

New Jersey Institute of Technology,Newark,NJ
Masters of Science in Civil Engineering   GPA 3.55/4.0   Graduated in December 2018

Gujarat Technological University,Ahmedabad,India
Bachelor of engineering in Civil Engineering   GPA 3.33/4.0   Graduated in May 2017

TECHNICAL SKILLS:

- **Design and Analysis Softwares**: ETABS ,STAAD PRO, and RISA
- **Drafting Softwares**: AutoCad and AutoCad Civil 3D
- **Business Modelling Tools:** MS Project
- **Documentation Suite:** MS Office (Microsoft Word, MS Excel, Microsoft Powerpoint and Microsoft Outlook)
- **OSHA 10 hour Safety Training Certificate**

PROFESSIONAL EXPERIENCE:

Kenvil United Corp   **June 2019 - Current**
Assistant Civil Engineer/Field Engineer

- Field Supervision
- Prepare schedule duration
- Make drawing using Autocad
- Participate in construction meetings
- Prepare cost estimate for ongoing and bidding projects
- Provided weekly and monthly progress report which includes equipment rentals and materials deliveries from subcontractors to the project director and consultant.
- Prepare bid documents
- Develop a projet submittal log for Project Manager's approval
- Procurement of material

GMT Contracting Corp.   **August 2018 – December 2018**
Civil Engineer Trainee(Intern)

- Prepare estimate for concrete and steel materials required to complete the project.
- Assist field supeintedent during field supervision
- Formalized the position and orientation of columns and beams, span of slabs, and selection of footing.
- Mapped the beam & slab cross section, reinforcement bar requirement and arrangement.
- Used autocad for several structural designs.
- Found three design flaws in ongoing projects, preventing catastrophic failure.
- Inspect inventories and prepared orders for material procurement with budgeted figures averaging $200,000.

PROJECTS:

Prestressed Bridge Design using RISA software   **Fall 2017**

- Designed 3 span bridge by assuming the geometry of beam from AASHTO and calculating the maximum moments and shear along different intervals of span.
- Analyzed composite section and non composite section stress check, Eccentricity calculation and its profile , total losses before and after prestressing and Shear and dowel design with safety checks.

Site cost estimation and scheduling using MS Project   **Fall 2017**

- Estimated the cost of 14 storey residential building in MS project alongwith the cost of labour and material.
- Aligned the schedule for pre-construction, construction and post-construction work with the consideration of environmental conditions and also scheduled for the number of persons required for particular work on particular day to cut the project cost by 10%.

Structure Design and Analysis using "ETABS SOFTWARE"   **June2016-May2017**

- During under graduation my project was to engineer different types of structures using ETABS software. The project was performed on different types of soil and cement.
- Adding more to it,comparison between the maximum moments and shear force was done for different shapes of structure.