

MOHAMMED ALI SAYANI

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Phone: (682) 240-7755

PROFESSIONAL SUMMARY

- Experienced in Geotechnical Engineering, Construction Inspections, Concrete Structures.
- Excellent verbal & written communication skills, Interpersonal skills, Fast learner and Team player.

EDUCATION

- M.E – Civil Engineering (University of Texas at Arlington) GPA 3.1/4.0 - Aug 2015
- B.E - Civil Engineering (MJCET, India) GPA 3.8/4.0 - June 2013

ACADEMIC EXPERIENCE:

- Design of Drilled Shaft Spring 2015
- Design of Wick Drains Spring 2014
- Re-design of Lab building Foundation System for University of Texas at Arlington Spring 2014

CERTIFICATION

- Engineer in Trainee (Texas Board)
- INDOT certified Inspector.

SKILLS

Software: gINT, Stabl wv 2007, Driven, L-pile, GRLWEAP, SeepW, Revit, PLAXIS, Micro station.

Codes and Standards: AISC, ACI-318, AASHTO LRFD, IBC, ASCE-7, INDOT Geotechnical Manual.

WORK EXPERIENCE

K&S Engineers – Staff Geotechnical Engineer

Oct 2015- Present

- Locating soil boring on plans and staking in field, contacting utilities, coordinating drilling operations laboratory and field testing (soils, concrete & asphalt), performing geotechnical analysis.
- Performing lab tests like soil classification, atterberg limits, moisture contents, unconfined compressive strength, unit weight, maximum dry unit weight, optimum moisture content, grain size analysis, hydrometer, organic contents, pH, marl contents and sulphate contents.
- Performing In-situ testing using LWD, Nuclear Gauge, DCP for density and compaction.
- Analysis and Design of Foundation systems, Retaining Wall, MSE wall, deep foundations using the in house spreadsheet.
- Inspection of Bridge deck for concrete pour, Railing requirement, Earthwork & foundation installation.
- Inspection of Steel Bridges, Bridge Approach, MSE walls, Bridge Deck, Excavations, Caisson Construction.
- Interacting with clients on daily basis to reach their goals during the project.
- Assist Geotechnical Engineer in writing the proposals & Reports for various private & public projects.

Phase 1 Consulting Chicago, Intern Project Manager

July 2014-Jan 2015

- Securing the building permits and other related municipal approvals (Public way permits, Driveway Permits, Repair Permit) required for the commencement of the construction projects.
- Acted as a liaison with architects, contractors, subcontractors and city officials in solving various permit issues.
- Assisted in submittal of permit documents and drawings to different agencies and monitored the plan reviews on daily basis.

