

# Amina Sabin

Civil/Geotechnical Engineer

## PROFESSIONAL STATEMENT

Self-Driven Geotechnical Engineer with extensive years of experience in Project Management, Project Coordination, Project planning and progress reporting, Construction material testing including mechanical and physical testing of materials, pile testing; having executed several projects in Infrastructure, power and energy related facilities.

Seeking a position in an organization that provides me ample opportunity to explore and excel in the field of Project Management/Execution while carving out the niche for personal, professional as well as organizational goals.

## PROFILE

### Name:

Amina Sabin

### Location:

Dubai, UAE.

### Phone:

+971 52 826 9005

### Email:

iamamina.07@gmail.com

## SOFTWARES

- Primavera P6
- GRLWEAP
- MS Office
- AutoCAD
- 3D Max

## CORE COMPETENCIES

- Geotechnical Engineering
- Project Planning
- Environmental Engineering
- Transportation
- Structural Engineering
- Hydraulics
- Construction
- Surveying

## PROFESSIONAL EXPERIENCE

### Trans Fast Group of Companies, UAE.

#### Geotechnical Engineer

Feb 2021 – Till Date

- Coordinating with contractor and consultants.
- Planning the project schedule.
- Monitoring and controlling the site operations and checking the field test.
- Supervision of Soil/ Rock and material laboratory testing as per BS/ASTM and relevant standard.
- Preparing of Geotechnical reports as per BS or ASTM for various construction projects.
- Quality checking related to geotechnical report, description of soil and rocks for the preparation of borehole logs.
- Bearing capacity calculations.
- Recommendation of suitable foundation design of deep or shallow foundation.

### Terraco UAE LTD

#### Project Engineer

Feb 2018 – Mar 2019

- Conducting seminars to educate the sales and operations team about the latest products, industry best practices and method of installation of Terraco products
- Prepare method statements as per the project requirement for different projects
- Preparation of project schedule covering entire scope and within defined timelines comprising resources loading.
- Determines critical path activities and preparation of look-ahead plans, weekly reports, monthly reports and dashboard for the project.
- Update the program weekly basis and find the actual vs planned program.
- Prepare submittal packages which include method statements, technical data sheets, Green Building Material questionnaires, technical letters, etc. to submit to project consultants for approval
- Visit project sites to check on the application and progress of work and prepare site visit report
- Undertaking research based on the project needs and preparation of project proposals
- Conducting kick-off meetings with project key personnel prior to project start off
- Work in coordination with the sales and operations team for successful project completion

### Arab Center for Engineering Studies, U.A.E

#### Graduate Materials Engineer

Aug 2017 – Feb 2018

- Planning and coordinating field and laboratory tests as per the priorities, monitoring test activities and equipment used to ensure that they conform to standard specifications
- Testing of soil samples for water content, density, specific gravity, combined analysis (sieve and hydrometer analysis), Atterberg limits, CBR, shear properties
- Testing of concrete cubes and cement properties
- Analysis of pile response to hammer driving using GRLWEAP and identification of sufficient and economical hammer for the operation
- Identifying the soil properties and recommend the soil tests to be conducted
- Supervising the plate load test and Standard Penetration Test (SPT)
- Reviewing, assessing, and interpreting of all the tests results

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## EDUCATIONAL OVERVIEW

- M TECH (Geotechnical Engineering) from MARIAN ENGINEERING COLLEGE- K T U (2017) (2015 – 2017) WITH CGPA 9.245
- B TECH (Civil Engineering) from HINDUSTAN ENGINEERING COLLEGE– KERALA UNIVERSITY (2011 – 2015) WITH CGPA 7.67
- HIGHER SECONDARY from MOTHER INDIA INTERNATIONAL RESIDENTIAL PUBLIC SCHOOL, ATTINGAL (76%) -2011
- 10TH GRADE (CBSE) from MOTHER INDIA INTERNATIONAL RESIDENTIAL PUBLIC SCHOOL, ATTINGAL (88%) – 2009

## TECHNICAL EXPERTISE

**MTech:** (Geotechnical Engineering)

**SEMINAR 1:** Bearing capacity of square footing on pond ash reinforced with geotextile

Description: Pond ash is used as a structural fill for developing commercial and industrial sites and to enhance bearing capacity, it is reinforced with geotextile by varying number of layers of reinforcement and overlapping one above the other.

**SEMINAR 2:** Influence of silica fume on fine grained soils

Description: Silica fume is an effective material which can be used in the improvement of expansive and dispersive characteristics of fine-grained soils.

**MTech THESIS:** Study on piping characteristics of fly ash and dispersive nature of bentonite and the evaluation of the mix as an amended liner.

Description: Fly ash, by- product of coal is effectively used in the geotechnical field. It's used in water shed management programs, to improve the dispersive characteristics of bentonite and is used as a liner for landfills.

- CONFERENCE PRESENTATION:**
1. International Conference on Geotechniques for Infrastructure Projects.
  2. International Conference on Emerging Trends in Civil Engineering & Architecture

- LIST OF JOURNAL PUBLICATIONS:**
1. Control of dispersivity of soil using lime and silica fume published in International Journal for Research Applied Science & Engineering Technology, Volume 5, Issue 5, 386-391. Impact Factor- 5.96
  2. Evaluation of fly ash as amended liner and the effect of pore fluids published in International Research Journal of Engineering & Technology, Volume 4, Issue 5, 191-194. Impact Factor – 5.18

## ACHIEVEMENTS

- Secured best paper award in International Conference on Emerging Trends in Civil Engineering & Architecture
- Secured best performer in academics from Hindustan Engineering College, (2011-2015)

## INDUSTRIAL TRAINING

- 7 days training at Kerala Water Authority
- Participated in the workshop on designing with Geosynthetics conducted at LBS Institute of Technology for Women, Trivandrum

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## PERSONAL DETAILS

**Date of Birth:** 7<sup>th</sup> May 1993

**Nationality:** Indian

**Marital Status:** Married

**Visa Status:** Residential (UAE, Valid till 2022)

**Languages:** English, Malayalam

**Driving License:** UAE and India

**DECLARATION:** I hereby assure that all the data given above are true to best of my knowledge. I look forward to hearing from you.

Place: Dubai

Date: 08-Dec-2021

Amina Sabin