

Ashwina Subair

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SUMMARY

Dedicated Civil Engineer with six months of hands-on experience as a Site Engineer Trainee, possessing a strong proficiency in AutoCAD. Proven ability to optimize project efficiency and quality through advanced software tools. Seeking entry-level opportunities to apply my practical training, technical skills, and passion for civil engineering in a professional setting.

EXPERIENCE

Site Engineer Trainee

Arc Engineering and inspection services

August 2022 - February 2023, Kollam, India

- Assisted in site engineering activities such as planning, execution, supervision and inspection of entire project work ensuring adherence to applicable quality standards.
- Prepared detailed design drawings and documents of a residential building using AutoCAD, 3D modelling software, STAAD pro and so on.
- Conducted regular site visits to inspect ongoing construction work, ensuring that it complies with design specifications and quality standards.
- Demonstrated a commitment to learning and improving skills related to civil engineering and construction.

PROJECTS

To study the effect of PVC waste powder and Bentonite in the strength and durability of concrete

- Successfully improved the sustainability of concrete by substituting fine aggregate and cement with PVC waste powder and bentonite, reducing resource consumption while maintaining performance standards.
- Designed and executed concrete mix trials, documenting data, and adjusting formulations to achieve desired performance levels.
- Collaborated effectively with team members, professors, and industry experts to exchange ideas, address challenges, and ensure the project's success.
- : Demonstrated cost-effective engineering by achieving comparable concrete performance.

Slope Protection Drainage System

- Led a team in the development of a Slope Protection Drainage System, showcasing project management skills and a commitment to sustainable infrastructure solutions.
- Demonstrated problem-solving abilities by analyzing slope erosion challenges and designing a tailored Slope Protection Drainage System.
- Applied engineering expertise to optimize the performance of a Slope Protection Drainage System.

EDUCATION

Diploma in QA/QC

Arcite School of Technical Education • Kollam, Kerala

Bachelor of Technology in Civil Engineering

APJ Abdul Kalam Univeristy • Thiruvananthapuram, Kerala

Higher Secondary

Ilahia Public School • Muvattupuzha, Kerala

CERTIFICATIONS

Certified in Construction Site Engineering (STED COUNCIL)

Autodesk Certified User for Revit Architecture

Certificate of completion: STAAD.Pro, Sketchup, Primavera P6

Cerificate in Measurement and Cost engineering (STED COUNCIL)

Cerified for QA/QC in civil engineering (STED COUNCIL)

SKILLS

Communication, Problem Solving, Autocad expert, Inter-personal Skill, Adaptability, Positive Attitude, Active Listening, Teamwork

Autodesk Autocad, Revit Architecture, Sketchup, 3D Modelling, STAAD.pro