

Afsal Chakkiyamoolayil Pareethu

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HIGHLIGHTS OF QUALIFICATIONS

- Related construction experience in Canada and India.
- Obtained Construction Management Graduate Certificate and graduated with a Bachelor of Technology in Civil Engineering, with good interpretation of construction drawings.
- Proficient in MS Office (Excel, Word, PowerPoint).
- Working Knowledge of Bluebeam Revu, Civil 3D, Infor PS, MS Project, Primavera, Procore.

PROFESSIONAL EXPERIENCE

Permit Technician, The Regional Municipality of Halton (Co-op)

Sept 2023-Dec 2023

- Monitored an inbox to promptly intake and prioritize requests from external clients.
- Conducted comprehensive research to gather accurate information related to water and wastewater infrastructure.
- Utilized the Technical Drawing Management System adeptly to locate specific engineering drawings and relevant details for water and wastewater services.
- Assisted the Permit Coordinator and Permit Technicians in reviewing applications, ensuring they are complete, and tracked their status in a database.
- Participated in the creation, issuance, and closure of Transportation Permits and Service Permits.
- Contributed to the meticulous review of Development, Planning Application, and Engineering drawings to verify adherence to Regional By-Laws and Standards.

Site Engineer, Jose Associates, Kerala, India

Nov 2021 – Apr 2022

- Supervised and inspected construction sites to ensure that work is being performed according to project plans, drawings, and specifications.
- Generated detailed cost breakdowns, including labor, materials, and equipment.
- Analyzed Construction drawings and specifications, estimated quantity take-off, generated Bill of Materials, assisted with procurement of materials and equipment, and created Purchase Orders.

Junior Engineer Trainee, Jay Arc Construction, Kerala, India

July 2021 – Oct 2021

- Performed quality control by testing materials such as concrete and aggregate.
- Recorded site activities, compiling a daily and monthly construction report for each day spent on-site.
- Coordinated the inspection during different stages of construction of personnel from the client.
- Organised and attended meetings with the client and engineers and prepared meeting minutes.

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EDUCATION

Construction Management Graduate Certificate

Jan 2023- Apr 2024

Conestoga College, Waterloo

GPA- 3.67

- Courses Taken: Cost Estimating & Bidding, Planning & Scheduling, Quantity Takeoff and Measurement, Construction Risk Management, Construction Procurement and Contract Administration, Ontario Building Code.

Bachelor of Technology- Civil Engineering

Aug 2017-Jun 2021

Mar Athanasius College of Engineering, Kerala

CGPA-8.69

- Courses Taken: Structural Analysis, Fluid Mechanics, Geotechnical Engineering, Transportation Engineering, Environmental Engineering, Water Resources Engineering

ACADEMIC PROJECT

Capstone Project (Detailed Analysis of a Construction Project)

- Successfully acted as a client and a contractor from Tendering to the execution of project
 - Actions Done as a Client: Market Analysis and Technical Analysis, Stakeholder Analysis, Risk Analysis (Monte-Carlo Simulation), Financial Analysis, Tendering, Bid Submission and Bid Evaluation.
 - Actions Done as a Contractor: Detailed Quantity Take-off and Cost Estimation (Detailed using unit), Project Scheduling using MS Project(estimated duration of each activities), Risk Management using Primavera, Site Layout, Communication Plan and Procurement Plan.

Effect of soft-story on a multi-story building and influence of retrofiting

2021

- Created 10, 20 and 30 story building models using E-Tabs.
- Studied effect of geometric position of the soft story in the elevation of the building how retrofit strategies using different steel bracings could be used to reduce this effect.
- Studied different parameters such as end fixity of a building, height of a building, position of soft story that affects the mode shape of the building.

VOLUNTEER EXPERIENCE

National Service Scheme Volunteer

2017-2021

- Distributed 10,00,000 cloth bags after the announcement of the plastic ban in Kerala.
- Collected E-waste from households.
- Participated in Kerala flood relief activities.