

YAJNA RAMPHUL

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OBJECTIVE

Detail-oriented engineer looking to secure a job position with a progressive construction company where my skills and experiences will be fully utilized.

SKILLS & ABILITIES

- Over 6 years' experience in civil and structural design including 2 years of site supervision (both civil and structural works).
- Good experience in project management, leadership and team playing gained through my work experiences at GIBB (Mauritius) Ltd & Compagnie de Mont Choisy Limitee.
- Fully bilingual in both English and French, with high abilities in speaking, writing, reading and listening.
- Good communication, negotiation and interpersonal skills; Good ability to accustom to multicultural environments, gained through my overseas work experience at GIBB (Mauritius) Ltd.
- Good ability to working in fast paced environment, under pressure and meeting tight deadlines; Good ability to resolve problems swiftly and independently.
- Good command of Microsoft Office™ tools, MS Project, AutoCAD Civil 3D, ArcGIS, PROKON, REVIT, STAADpro, CSC Tedds, Autodesk Robot Structural Analysis, WaterGEMS V8, HEC-RAS.

PROFESSIONAL WORK EXPERIENCES

Compagnie de Mont Choisy Limitee - Mauritius

Assistant Project Executive

August 2018 – October 2018

I was involved in the project management of various projects of the company namely: Construction of a Boulevard Road; Phase 3 – Construction of 214 high-end villas and apartments; Mont Choisy Smart City – Mixed used developments including residential (1200 units), school, hospital, hotel, commercial, sports and leisure facilities for Mont Choisy over 530Arpents.

- Drafting & issue of request for proposals for selection of engineering consultants.
- Defining scope of projects & preparing implementation programmes.
- Performing risk assessment for natural filtration swimmable lagoon.
- Monitoring of progress for projects with external project managers, architect, consultants and contractors.
- Involved in coordination meetings and participating in value-engineering exercises with consultants.
- Drafting and issue of minutes of meeting for various projects as well internal management meetings.
- Liaison with Authorities for clearances and permits.
- Involved in the translation of technical property sales documentation from English to French.
- Assessment & approval of technical specifications submissions from contractors.
- Reviewing of engineering drawings issued by civil engineering consultants and providing advice for review of schemes to meet client's intent.
- Extracting land-use and phasing data from a 220-hectare smart city masterplan to produce information for a traffic impact assessment study and project utilities requirements.

GIBB (Mauritius) Ltd – Mauritius
Civil & Structural Engineer

May 2012 – July 2018

I was involved on numerous civil and structural projects both in Mauritius and Seychelles.

- Structural design and modelling of buildings (reinforced concrete, masonry, timber and steel design); Wind analysis; Preparation and issue of construction drawings.
- Structural design of pumping stations & water-retaining structures.
- Data collection, surveys and investigations of existing wastewater disposal facilities for sewerage projects.
- Detailed design of sewerage networks comprising gravity sewers (58km), rising mains (17km) & pump stations (22No.).
- Assisted in the design of the pre-treatment facilities for fish processing units and wastewater treatment plants.
- Design and modelling of water reticulation systems (14 km water mains).
- Preparation of inception reports, feasibility reports & detailed design reports.
- Preparation of bidding documents i.e. conditions of contract and specifications.
- Writing bill of quantities, quantity take-off, and preparation of cost estimates at different stages of the projects.
- Site supervision (fast tracked projects), quality control of civil and structural works and preparation of progress of reports accordingly.
- Conducting site meetings and technical meetings with clients and contractors.
- Provided alternative designs & solutions for problems encountered on site.
- Processing of payment applications.
- Assessment of extension of time claims.
- Arranging tests (water test; compaction and deflection test on subgrade, base course and asphalt.
- Recording of as-built works; preparation and issue of as-made drawings.
- Supervision of junior staff engaged in design, detailing and measurements of quantities.

Desai & Associates Ltd – Mauritius
Civil Engineer

October 2011 – April 2012

- Assist in the data collection, field work, and design of main sewers for the sewerage masterplan for Mauritius and Rodrigues.
- Site Supervision – verification of reinforcement and approval of concrete pouring through Slump & Cube tests, Bar bending Schedule.
- Design of roads, water, wastewater, and stormwater works; Quantity take-off & preparation of cost estimates for a mixed development in Kenya.

EDUCATION

- **Project Management Professional (PMP)** Examination Preparation Course - Eagle's Eye Solutions (PMI R.E.P.s) – Mauritius - 2018
- **Revit Architecture and Structure Training** - GIBB Mauritius - 2017
- **MSc Structural Engineering with Consultancy Skills**, Newcastle University - UK - 2011
- **BEng (Hons) Civil Engineering**, University of Mauritius – Mauritius - 2010

LICENCES

- **Registered Professional Engineer** with The Council of Registered Professional Engineers of Mauritius - **RPEM 1529**
- **International Driving Licence** for private car issued by the Mauritius Police Force Traffic Branch.
- Eligible for a license or registration with PEO.