

# **BASIL ISMAIL**

## **Aspiring Structural Engineer**

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### **Synopsis**

To continue my career in Structural Engineering in a reputed organization, where I could use my skills to be a potential asset.

### **Professional Experience**

#### **Mott MacDonald – Dubai – United Arab Emirates**

Structural Engineering Intern – August 2021

- Looked into structural modification of various metro stations including DIC , DAMAC and UAE EXCHANGE
- Worked on Tedds Tekla to check the beam capacity and Rhinoceros to understand the line behavior
- Presented a future city master plan.
- Looked into Bidding, MEP, Oil & Gas.
- Worked on sustainability by analyzing the carbon footprint using MOATA and other sources and added value to the team by proving the LEED standards on the Riyadh project.

### **Education**

#### **Manipal Academy of Higher Education (MAHE) Dubai, United Arab Emirates**

Bachelor of Technology in Civil Engineering (2019-2023)

- **Latest CGPA: 9.62**

#### **Software Knowledge**

- \* ETABS
- \* SAP 2000
- \* Staad.Pro
- \* AutoCAD
- \* Abaqus
- \* Microsoft Office
- \* JavaScript, C & C++
- \* SketchUp & Lumion

#### **Technical Skills**

- \* Structural Engineering
- \* Structural Modelling & Analysis
- \* Structural Detailing
- \* Geometry
- \* Statics & Dynamics
- \* Mechanics
- \* RCC Design
- \* Steel Design

## **Soft Skills**

- \* Team Management / Leadership
- \* Communication / Problem Solving
- \* Time & Resource Management (Manpower & Equipment)
- \* Research

## **Areas Of Interest**

- Performance-Based Design
- Tall Building Design
- Resilient Design

## **Other Achievements/ Activities**

- President - ICE MAHE Dubai Student Chapter
- President - IstructE MAHE Dubai Student Chapter
- President - ASCE MAHE Dubai Student Chapter
- DEC Discover Award Runners Up 2021 – Team HABitable
- ICE Pitch 200 Global Finalist 2021
- IstructE Regional YMG Design Challenge 2020 Second Runners Up
- ICE UAE G&S D20 Debate - Represented MAHE Dubai
- NASA 48 hrs Space App Challenge Participation
- Arena FIDE Master - World Chess Federation
- Arena Candidate Master - World Chess Federation
- Sports: Chess, Volleyball, Badminton, Football, Basketball & Cricket.
- Music: Proficient in Keyboard/Piano

## **Project Work**

- Designed a G+12 building in ETABS from the architectural plan.\

## **Personal Information**

Age & Year of Birth: 20 (July 2001)

Nationality: Indian

Sex: Male

Languages: English, Malayalam, Hindi, Arabic and Tamil

Valid UAE Driving License



<https://www.linkedin.com/in/basil-ismail-keloth-structural-engineer/>