

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/>