

# MEHALLI HAMZA

## STRUCTURAL ENGINEER, SITE ENGINEER BIM MODELER, BIM CORDINATOR

### PERSONAL DATA

- **Name:** Mehalli Hamza
- **Date and place of Birth:** September 06<sup>th</sup>, 1993 in Algeria
- **Marital Status:** Married, with one son
- **Nationality:** Algerian
- **Place of residence :** Tipaza ,Algeria
- **Phone number /Whats:** Algeria +213 668 537 033
- **E-Mail:** [mehalli.hamza00@gmail.com](mailto:mehalli.hamza00@gmail.com)
- **LinkedIn:** <https://www.linkedin.com/in/hamza-mehalli-m06091993/>



### EDUCATION:

Saad Dahleb University,(Blida/Algeria)

(Sept 2012- Jul 2018)

- Master degree in Civil engineering/Option: Structure
- Department: Civil Engineering
- Graduation Project: Structural Design of RC building 10 Story+01G+01B

### UNIVERSITY THESIS AND EXPERIENCES:

- Structural design of 10 story RC building using Etabs and Safe software
- Manuel calculation and design of steel Hangar
- Production of concrete(the following of manufacturing process)
- Destructive and non-destructive concrete tests

### PROFESSIONHAL EXPERIENCE +5 YEARS:

COMPANY:INGENIUM CONSULTANCY,(ALGERIA)

(Aug 2023 - Present)

Structural Designer

- Prepare preliminary structural designs
- Make a final calculations of concrete buildings
- Consider the strength of construction materials and select appropriately
- Review & approval of technical submittals (shop drawings and Material submittals)
- Provide technical advice on safe designs and construction
- Assure that the 3D structural models are accurate and coordinate with professional staff such as architects and other team

### Consulting Engineer

- Monitor and inspect works undertaken by contractors
- Attend progress and technical meetings, discuss and suggest technical proposals

COMPANY: **CSCEC**, (ALGERIA)

(Jun 2023 - Aug 2023)

### BIM Modeler

- Ensure the 3D structural model of buildings
- Cooperate with the structural designer to draw the structural plans
- Coordinate the plans with other disciplines

COMPANY: **INGENIUM CONSULTANCY** (ALGERIA)

(Jul 2021- May 2023)

### Structural Designer

- Conducting calculations and analyses under guidance of senior engineer
- Prepare of detailed designs, drawings, specifications, calculation and reports
- Coordinate with professional staff such as architects and MEP engineers
- Identify issues and problems, develop appropriate solution

### BIM Modeler

- Collaborate with project team members to create a comprehensive model of the building and developed 3D models using Revit software (Building Information Modeling)
- Ensured that all information is accurate, and create detailed specifications, schedules, Bill of quantity based on the virtual building model

COMPANY: **NATIONAL TECHNO-PROJECTS** (ALGERIA)

(Oct 2019 - Jun 2021)

### Site technical office engineer

- Monitoring and controlling the project time schedule and organizing reports
- Works and materials inspection, and receipt of Work Items
- Consultation with the Owner
- Interpretation of plans and specifications.
- Ensure that the all method statements has been carried out.

COMPANY: **ETPBH ACHOURI** (ALGERIA)

(Jan 2019 - Oct 2019)

### Site Engineer

- Ensure that all works carried out meet company's quality standards
- Plan and monitor site progress and ensure adherence to project schedule
- Manage the work on site and solve any problems
- Ability to calculate quantities

## **LANGUAGE:**

- Arabic: Mother Tongue
- English: Good
- French: Good

## **OTHER TRAININGS:**

- 2022 : Introduction to networking(computer)
- 2021 : BIM technology using Revit Software
- 2019 : Project managements and Site Supervisor

## **TECHNICAL SKILLS:**

- Knowledge of Codes and Standards: Algerian Codes/ Euro codes/ Asce/ IBC/ ACI
- A good knowledge of construction methods and materials and legal regulations
- Knowledge and proficiency using Autodesk software including Revit and Navisworks for different BIM uses
- Managing cloud and local CDE setups and coordination platforms such as BIM 360
- Safety and health practices
- A good understanding of physics and mathematics.

## **SOFTWARES:**

- Microsoft office
- Etabs
- Safe
- AutoCAD
- Safe
- Prokon
- Revit
- Sap2000
- Robot

## **PERSONAL SKILLS:**

- Written and Verbal Communication
- Analytical thinker
- Planning and Time Management
- Teamwork and ability to work independently
- Work under pressure
- Problem Solving
- Leadership
- Attention to detail