ABELY WILSON
No 635, ASWATHI NILAYAM,2nd CROSS, MALLAPPA LAYOUT, BABUSABPALYA, BANGALORE-43

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OBJECTIVE: To work in an organization where the environment effuses with innovation and the challenges offered help me to take challenging and diversified project to grow in experience as well as expertise.

PROFESSIONAL EXPERIENCE

CONSTECNER TECHNOLOGIES Pvt. Ltd.   **Civil Engineer**
                                                     May 2022- Present

➢ **ARCHITECTURALSHOP DRAWINGS (AUTOCAD)**

1. Drafted plans for existing buildings and structures, based on preliminary concepts, sketches, engineering calculations, specification sheets, and other data.
2. Prepared engineering drawings that detail plans and specifications.
3. Required to draw site plans and structural plans for residential, commercial, and industrial buildings.
4. Prepared detailed architectural drawings for residential and commercial construction projects
5. Provided architectural designs and working drawings for various YITI CONSTRUCTION projects (OMAN)
6. Created architectural drawings based on building specifications, calculations, and sketches.
7. Developed electrical and structural designs to incorporate into architectural drawings.

➢ **CAD Normalization**

1. Cleaning the layers and adding the relevant entities.
2. Remove unused layers and add only standard layers.
3. Reset the origin Co-ordinates, set the scale & limit.

➢ **Polyline procedure and Space tagging with respect to polyline areas**

1. Drawing the Interior and exterior Gross Area.
2. Demarking the workstation's, Meeting rooms and other spaces relevant to the floor.
3. Space numbers to match the number of Polylines drawn on the floor (Exclude Exterior gross and measurable gross).
4. Check on the overlaps and gaps in between the polylines.

➢ **Attach and Publish procedure for CAD Integrator (IBM Tririga as IWMS Tool)**

1. Open drawing in AutoCAD and login to Tririga CAD Integrator.
2. Test Run: Click on Tririga > Smart Attach, Select Location, Add Capacity –0, Add a Default Space Class –Run the Command.
3. Dialog Box Open, Check for errors by clicking on View Errors (If Any).
4. Rectify Errors –Boundary Errors, Space ID Errors, etc.
5. Attach Completed –Take note of Records Created & Records Updated.
6. Apply Space Class Report –Check All Space Classes.
7. Batch Edit –Once Space Class Report is Applied, correct all Space Classes that are wrong by using command Batch Edit.
8. Apply Space Class Report –Cross Check all Space Classes.
9. Drawings –Child Records, retire all Unattached Records, Sync All Records and Activate all Draft Records (if Any).

AXON Technologies, Bangalore   **SCAN to BIM Engineer-Trainee**
                                                 Dec-2021-Jan2022

1. Interpretation of engineer's sketches and technical specifications to ensure coordination of specifications and drawings.
2. Create and work on custom Revit Families where applicable.
3. Develop BIM models for structural discipline from design stage with point cloud data to as-built stage.
4. Preparation of structural & Architectural BIM models with various level of detailing.

Treistek India Pvt Ltd, Bangalore   **Revit-3D Modeller**
                                                          Nov 2019-March 2020

1. Involved in preparing workflow for digital data in design software.
2. Creating projects in Revit software with point cloud data using the components for point cloud data creation, capture, and project.
3. Worked as a Revit modeller on international projects ranging from Residential and Commercial using Revit Structure & Architecture.
4. Creating parametric Revit family as per project requirement & detailing.

                                                          Assistant Professor
                                                          Aug 2013 – May 2018

Mount Zion college of Engineering for Women, Kozhuvalloor, Chengannur, Alappuzha, Kerala

Subjects handled: Construction Management, Principles of Management Fluid Mechanics 1 & 2 (S3, S4, S7 and S8), Air quality Management (S7), Foundation on expansive soil (S8), Structural Analysis (S7), Quantity surveying(s8), Transportation engineering, Geology, Surveying, Principles of management.

Labs Handled: Hydraulics Lab (S4), Geo Technical Engineering Lab (S7), Survey (Total station), Transportation lab, Revit Architecture, AutoCAD Level –I (2D), II (3D).

External & internal examiner for university practical exams several times.

                                                          Town Planning Assistant
                                                          Dec 2011 - March 2012

Worked as planning Assistant in District Town planning office Pathanamthitta for the project preparation of development plan for Adoor and Thiruvalla towns.

- Developing plans for residential and commercial areas and implementation of those plans and preparing district urbanization report.

- Analysis of development plan, calculation of land use areas and socio-economic survey in Municipalities of Pathanamthitta district.

- Detailed study of development plan (Population calculation, Population density calculation and Concentration index calculation).

- Preparation of maps for various municipalities and making report for development schemes and assisted in drafting plans for the development of various local bodies

**PWD Roads Division Office
Pathanamthitta**

Was involved in conducting scrutiny of estimate in various PWD works such as roads, Culvert, bridges etc. and verifying the estimated work is within the budget and provides administrative and technical sanction for the work and finally sanctions the bill.

SKILLS

- Expertise in AutoCAD Level –I (2D), II (3D) & Photoshop.
- Expertise in **PRIMAVERA, BUILDING ESTIMATION SOFTWARE, REVIT ARCHITECTURE &POINT CLOUD DATA.**
- Could operate effectively with Microsoft office tools such as word, excel.
- Excellent written and communication skill in English.
- Have good problem solving with analytical thinking.
- Open minded to work in complex project and environment.

EDUCATIONAL QUALIFICATIONS

- M E in Construction Management with CGPA 8.01 from ANNA UNIVERSITY, 2016.
- B E in civil Engineering with aggregate 78 % from ANNA UNIVERSITY, 2010.
- Diploma in Civil Engineering with aggregate 66 % from Kerala State Technical Board, 2007.
- 12th with aggregate 64 % from CBSE, 2004.
- S S L C with aggregate 58 % from Kerala State Board, 2002.

PROJECT & TRAINING

ME Project details

Main Project -Analysis of Contract Clauses in the construction Industry
Objectives:

- To Identify the contract clauses that affects the schedule performance.
- To Identify project profitability of the contractor executing the construction project.
- To determine the factors that affect the schedule of the project.

BE Project details

Main Project -Strengthening of existing flexible pavement.

Mini Project – Ground improvement techniques using geotextiles.

PERSONAL DETAILS

Gender	: FEMALE
Date of Birth	: 7th May 1986
Father's Name	: M T WILSON
Marital Status	: Married
Languages Known	: English, Hindi &Malayalam
Permanent Address	: Valliaparambil House
	Mannaramala
	Pathanamthitta P.O
	Kerala- 689645

References: Available on request

DATE:

PLACE: **Abely Wilson**