Devi Krishna Varma .G
Cad Engineer (Struct.& Arch.)

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*Profile Summary***:** As a **Cad Engineer**, I have 5 years of experience in drafting, most especially in all type of Structural and Architectural works (i.e. Buildings, Irrigation, Survey) drawings etc, And 6 months experience in Python Applications.

Roles & Responsibilities:
- Production of cad drawings, to individual projects.
- Ensure the format of the cad drawings is accordance to drawing standard.
- Manage and control outputs & Support Company to enhance better work.
- Check drawings within specialized discipline for compliance with the architectural/engineering standards and design consideration.
- Analyze and interprets structural and architectural design drawings that enable to prepare detail drawings, creates accurate and complete detail drawings based on design.

*Software Expertise***:**   Auto CAD, 3ds Max, Revit, Python 3.x, MySql

*Experience Summary***:**

- January 2021 to till now as *Assistant Manager* in M/s. Aarvee Associates, Hyderabad, India
- November 2019 to June 2020 as *Cad Drafter* in M/s. Cyient Ltd, Bangalore, India
- July 2016 to June 2019 as *Cad Engineer* in M/s. Aarvee Associates, Hyderabad, India
- July 2015 to July 2016 as *DET (junior engineer)* in M/s. MEIL , Hyderabad, India
- Jan 2015 to July 2015 as *Site Engineer* in M/s. Manyam's Real estate , Vijayawada, India
- July 2014 to Dec 2014 as *Junior Draftsman* in M/s. LEAD India (P) Ltd, Hyderabad, India

Educational Qualification:

Qualifications	Board/University	Year	% of Marks
B-Tech	**SVKR**.Engineering college, Bhimavaram.	2020	57.89%
Diploma in Civil Engineering	**SMVM**. Polytechnic, Tanuku, W.G. Dist. (State Board of Technical Education & Training), India.	2014	68.54 %
SSC	Bhashyam,Venkatarayapuram, Tanuku.	2011	76.83 %

Python 3.x

 # Project: Isolated Footings Design Automation
    Packages :
       Tkinter, Pandas, Auto-py-to-exe
    Tasks:
- To design Isolated footing by user inputs of Support Reactions (copied from Staad)
- Tkinter package is used for GUI
- Pandas Package is used for Data Processing.
- Auto-py-to-exe is used to convert py to .exe file

   Description:
      This Isolated Footing Model is Developed for to Design Multiple Footings by given inputs of Support reactions (Staad pro or Staad) and
      #Other Inputs:
- Grade of Concrete (Fck)

- Grade of Steel (Fy)
- Safe Bearing Capacity of Soil (SBC)
- Clear Cover For Footing (CC)
- Depth of Foundation (df)
- Minimum Diameter of Bar (Reinforcement Bar)

After all this inputs(common parameters to design) given by the user, the model will process the data to design Multi isolated footings by given no of supports or nodes (support reactions) and user can edit the values (length, width, Depth, Spacing, Bar Size, Pedestals Size,) after design and user can redesign(F5 for 'Redesign') and this model will process the grouping based on Length,Width, Depth, Reinforcement Details after clicking on grouping Button it generates csv file on desktop Output Folder.

Links:

Open My Footings User Interface

Project: Calculating Working Hours Based on Card Swipe Details(EWH)

Packages :
   Tkinter, Pandas, Auto-py-to-exe

Tasks:
- To Calculating Employees Working Hours Based on Card Swipe Details(Spreadsheet)
- Tkinter package is used for GUI
- Pandas Package is used for Data Processing.
- Auto-py-to-exe is used to convert py to .exe file

Description:
This EWH(Employee Working Hours) Model Is developed to calculate the employees working hours based on swipe details of every swipe of In and Out's by the user Input of spreadsheet data file (.xls, .xlsx formats)the model read the data of spreadsheet and process the data to calculate the time of employees

Experience Record:

Employer: M/s. Aarvee Associates, Hyderabad, India. (January 2021 to Till Now)
            As Assistant Manager

Tasks:
- Structural drafting of residential & Commercial (RCS & Steel Structures)
- Automation using python technology.
- Review of Drawings for Cad standards.
- Co-ordinations with other discipline drawings.

Employer: M/s. Cyient Ltd, Banglore, India. (November 2019 to May 2020)
            As CAD – Drafter

Client : M/s. SMEC Pty Ltd , Melbourne , Australia .

Projects:
- ❖ Newgate Estate
- ❖ Atherstone Estate
- ❖ Harpley Estate

Tasks:
- As Constructed Sewer, Water and Drainage Plans
- Survey Plans such as Abstract of Field Records and Permanent Survey Mark Sketches.
- Review of Drawings for Cad standards.
- Co-ordinations with other discipline drawings.

Employer: M/s. Aarvee Associates, Hyderabad, India. (July 2016 to June 2019)
            As CAD – Engineer

 # Projects:
- ❖ Rntcp Lab Block of Area Hospital at Gudivada.
- ❖ SMC – Vijayawada, Girls Hostel Building.
- ❖ GGH- Guntur hospital services blocks
- ❖ Kvk's – Kreda Vikasa Kendram in Andhra Pradesh

Tasks:
- Structural drafting of residential & Commercial (RCS & Steel Structures)
- Review of Drawings for Cad standards.
- Co-ordinations with other discipline drawings.

Employer: Megha Eng. & Infrastructures Ltd. (July. 2015 to July.2016)
            As DET (Junior Engineer)

 # Project: MBNR WATER SUPPLY SCHEME

 Scope: Review of Drawings for WTP Layouts, Topographical Survey Drawings,

Tasks   :
- Structural Drafting and Detailing of WTP Layouts.
- Review of Drawings for Cad standards.
- Co-ordinations with other discipline drawings.
- Preparation of Topographical Drawings Based On Survey Data.

 # Project: AKBR WATER SUPPLY SCHEME

 Scope: Review of Drawings for WTP Layouts, Topographical Survey Drawings,

Tasks   :
- General Arrangement Drawings of WTP Layouts.
- Review of Drawings for Cad standards.
- Co-ordinations with other discipline drawings.
- Preparation of Topographical Drawings Based On Survey Data.
- Checking & preparation of the hydraulic statement as per survey data

Sub projects: ADILABAD DISTRICT WATER SUPPLY SCHEME

Tasks   :
- Review of Drawings for Cad standards.
- Co-ordinatons with other discipline drawings.
- Preparation of Topographical Drawings Based On Survey Data.
- Checking & preparation of the hydraulic statement as per survey data.

- Preparation of longitudinal sections of pipelines.
- Discussion With the department of AEE, EE's For Drawings.

Employer: M/s. Manyams Realestate, Vijayawada, India. (February 2015 to july 2016)
                    As Junior Draftsman

Tasks:
- Supervising Laying Footings and bar bending schedule.
- Estimations and Quality Controlling.
- Preparing survey Drawings for urban planning.
- Supervising the construction of Apartment @ Nandyal Near Tenali Road

Employer: M/s. Lead Pvt Ltd, Hyderabad, India. (July 2014 to Dec 2015)
                    As Junior Draftsman

Tasks:
- General arrangement drawings, Structural arrangement drawings.
- Review of Drawings for Cad standards.
- Co-ordinations with other discipline drawings.

Other Skills:
- Attitude to manage time and work.
- Able to acquire required skills and latest technologies.
- Easily adaptable to any working environments

Languages	*Spoken*	*Written*	*Reading*
English	Good	Good	Good
Telugu	Good	Good	Good

Personal details:

Date of Birth	:	01/07/1996
Marital Status	:	Unmarried
Nationality	:	Indian
Permanent Address	:	Door no: 29-8-15, Gadelli vari street,
		Opp venkata Krishna theatre, velpur road,
		Tanuku-534211

I certify that the best of my knowledge and belief, these data correctly describe my qualifications and experience.

(Devi Krishna Varma .G)