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| **RESUME**  **G. ABHILASH**  **DOB: 11-11-1988**  Mobile: 8143837964  E-mail: abhilashgolconda11@gmail.com .    **B-TECH IN MECHANICAL ENGINEERING with 12+ YEARS OF EXPERIENCE AS “MECHANICAL DESIGN ENGINEER”**     |  | | --- | | **CAREER OBJECTIVE:** |     TTo attain a challenging position in the field where my skills and creative talents can be effectively and efficiently utilized to develop new enthusiastic Innovations and contribute to Organization’s growth.        **EDUCATIONAL QUALIFICATIONS:**     |  |  |  |  |  | | --- | --- | --- | --- | --- | | INSTITUTION | EDUCATION | BOARD/UNIVERSITY | YEAR OF PASSING | PERCENTAGE  (%) | | Swami Vivekananda  Institute of Technology,  Secunderabad. | B.Tech (Mechanical) | J.N.T.U | 2010 | 61.96 | | St. Joseph’s Junior College, Trimulgherry, Sec’bad . | Intermediate (M.P.C) | Board of Intermediate Education (A.P) | 2006 | 69.90 | | Flower Bud’s High  School, Indira Nagar, Trimulgherry, Sec’bad. | SSC | State Board of Secondary Education | 2004 | 73.33 |       **EXPERIENCE & RESPONSIBILITIES:**   * 12+ years of total experience in Drafting Detailing in AutoCAD. * Have a hands on experience on AUTOCAD to Prepare Civil, Electrical & Mechanical drawings as per the specifications. * Proficient in Computer Aided Design and Drafting systems to prepare drawings. * Designed and made detailed drawings of Steel Mounting structures for Solar PV panels (Fixed Mounting & Tracking). * Prepared Construction Drawings, Shipper list and fabrication/shop drawings for various Structural projects. * Have analyzed specifications, codes, space to create architectural design. * Prepared detailed Design drawings such as SLD, Layouts for Solar projects * Created architectural drawings based on required specifications, calculations and sketches. * Drafted technical details. * Offered technical advise regarding dimensions, materials, and procedures. * Documented drawings electronically. * Productively communicated concepts to construction workers which can easily understood by a layman. * Created visual guidelines for construction purposes. * Prepared drawings showing the detail and method of assembly of machinery and mechanical devices. * Offered technical advise from selecting appropriate structural, sustainable and economic designs * Able to prepare variations of design. * Studying and Understanding the General Assembly drawings . * Preparing Submission drawings for ‘Assembly and Part drawings’ for Approval. * Preparing Bill of Material for Production, Indent for procurement and Shipper for dispatch of finished goods. * Preparing and Coordinating Fabrication and Assembly drawings As per approved drawings(Client requirement) to Workshop. * Taking feedback from Workshop by following up on production sequences and making changes for better production. * Design Calculations on Skin Temperatures and Insulation Thickness of Gas flow Ducts. * Structure strength & design calculations. * Thermal Calculations for C.S.P Trough. * Strength Calculations required for mounting Solar PV modules. * Designing PV Array layout |

**WORK EXPERIENCE:**

**M/s Protech Engineers.**

Duration : 3rd December 2022 till Date.

Designation : Senior Engineer CAD

Company Profile : Designers and Fabricators of Thermal Process Equipment, Drying and Distillation Equipment for Chemical, Pharmaceutical industry

Project details: Equipment detailing for Effluent plant treatment like Heat exchangers, Boilers and Mounting structures.

**M/s Empower Engineers Pvt. Ltd**, Hyderabad.

Duration : 3rd October 2016 to till 30th November 2022.

Designation : Senior Engineer CAD in Steel and Structural Fabrication and erection.

Company Profile : Leaders in Engineering Procurement and Construction Jobs.

**P.V.K Engineers Pvt. Ltd.**, Hyderabad.

Duration : 29th November 2010 to September 30th 2016

Designation :Detailing & Design Engineer for Various mechanical equipment and structures’

Company Profile :Leaders in

**TECHNICAL PROFICIENCY:**

Basic Programs: Windows 7, Microsoft Office.

Programming Languages: ‘C’ and ‘Java’ as an academic regulation.

Designing Tools: AutoCAD (2D & 3D ), Solid Works (working experience).

**ACADEMIC PROJECTS:**

* Mini-Project : **“CNC MACHINING OF VALVE BLOCK”**
* Final Project : **“DESIGN, MODELLING & ANALYSIS OF TRAIN BRAKE SHOE”**

**PROJECT DETAILS as DESIGN & DETAILING ENGINEER:**

**Project : INLET & EXHAUST DUCTS OF GAS TURBINE POWER PLANTS**

Client: **BHEL**, Hyderabad

Duration: October 2010- May 2015

**Project Name: 50 MWp SOLAR THERMAL POWER PLANT ( Anantapur)**

Client: **MEIL**

Duration: April 2012-April 2014.

**Project Name: Machagunda UNIT-I, MHP (Mini-Hydro Power Plant)** Client: M/s **GSSMR Energy Pvt. Ltd**

Duration: October 2012- 2014

**Project Name: 1MWp Solar PV Plant Fixed Tilt and 1MWp Solar Tracking PV Plant**

Client: **CHINTAPALLI SAI BABA ENERGY PVT. LTD**

Duration: Jan 2014-Oct 2014 & Sep 2015-March 2016.

**Project Name: 100kWp Solar Roof Top PV Plant**

Client: GEMS (Great Eastern Medical School) & Hospital, Srikakulam.

Duration: Dec 2015-March 2016.

**Project Name: 1 MW Solar Roof Top PV Plant for Poultry Farm Sheds**

Client:M/s **CHINAMMA POULTRY FARM, KITTUR.**

Duration: March 2016- November 2016.

**Project Name: Machagunda, UNIT-II MHP\_Mini-Hydro Power plant (Currently working)** Client: M/s **GSSMR Energy Pvt. Ltd**

Duration: February 2016- till date.

**Project Name: 2 MW Solar Tracking PV Plant**

Client: M/s **EnerSol Infra Pvt. Ltd.**

Duration: September 2016- March 2019

**Project Name: Construction and Erection of PEB Shed for Marble Factory**

Client:M/s **MERGE STONES.**

Duration: June 2016- August 2018.

**Project Name: Construction and Erection of PEB Shed for Electrical Cars.**

Client: M/s **Etrio**

Duration: December 2018- January 2019.

**Project Name: Construction and Erection of PEB Sheds for Bottling plant for Gas filling station**

Client: M/s **HPCL,** Rayagada, Odhisa.

Duration: February 2019 – January 2021.

**Project Name: Construction and Erection of PEB Shed- for LPG Bottling plant**

Client: M/s **IOCL, Kharagpur.**

Duration: May 2019 till February 2020

**Project Name: Construction and Erection of PEB Shed- for Food Industry, Naramala Village, Karimnagar.**

Client: M/s **Agastya Super foods, Karimnagar.**

Duration: May 2021 till September 2022

**Project Name: Construction and Erection of ROB Metal structure span- for Balanagar flyover.**

Client: M/s **BSCPL., Hyderabad.**

Duration: July 2019 till June 2021

**Project Name: Construction and Erection of ROB Metal structure span- for Shilpa Layout.**

Client: M/s **MVR (Shivasatya Engineering Services pvt. Ltd., Hyderabad.**

Duration: August 2021 till June 2022

**Project Name: Pipe laying and Erection of Pressure mains and Delivery mains for Irrigation, Kaleshwaram Project**

Client: M/s **MRKR Constructions and Industries Pvt. Ltd., Hyderabad.**

Duration: May 2019 till February 2022

**Project Name: Construction and Erection of Stoplog Gates(Vertical Lift)- for Irrigation, Kaleshwaram Project**

Client: M/s **MRKR Constructions and Industries Pvt. Ltd., Hyderabad.**

Duration: March 2019 till June 2023

**Project Name: Construction and Erection of FGD plant- for 800MW thermal plant, Raichur (Ongoing).**

Client: M/s **SPCPL, Raichur, Karnataka.**

Duration: March 2022 till date

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**DECLARATION:**

I here by declare that the information mentioned above is true to the best of my knowledge and belief.

DATE:

PLACE: Hyderabad.  **(G. ABHILASH)**