



Gokul Krishna GK

Mechanical Engineer

A mechanical engineer seeking to start and build a career in the field of process equipment design engineering, to take up challenging projects in diverse environment in a growth oriented organisation that can provide good learning opportunities and to work with dedication and hard work that benefit the growth of organisation and myself.



gkrishnagk2662@gmail.com



+91 8921462399



Surabhi, Naduvath, Nemom,
Thiruvananthapuram., Kerala



linkedin.com/in/gokul-krishna-gk-a81544b7



Date of Birth: 14/02/1995

SKILLS & COMPETENCES

Future focused

Ambitious

Flexible

Quick learner

Self motivating

Teampayer

LANGUAGES

English

Hindi

Malayalam

Tamil

SOFTWARE SKILLS

PV-Elite

PDMS

Pro-E

AutoCAD

Soildworks

ANSYS

MS-Excel

PowerPoint

Technical Skills

- Detail engineering calculations for pressure vessel for external & internal pressure as per ASME Sec VIII Div-I.
- Design of vessels/reactors for wind loads, seismic design.
- Design of Leg support, Lug support, Skirt support, Saddle support.
- Special Flange design as per ASME.
- Reinforcement pad requirement calculations.
- Design of welded steel storage tanks (fixed roof) as per API-650.
- Basic design of shell & tube heat exchangers as per TEMA standards.
- Knowledge of using ASME SEC VIII Div.1, ASME SEC II, V, IX, TEMA, API650.
- Basic Working knowledge of equipment designing software: PV-elite.
- Reading PFD and P&ID.
- Preparation of Mechanical Data Sheet.

EDUCATION

P. G. Diploma in Mechanical Design of Process Equipment

Suvidya Institute of technology

09/2018 – 10/2018

Mumbai, India

Gold medallist

- Static equipment design

Bachelor of Technology

University of Kerala, Sree Chitra Thirunal college of engineering

06/2013 – 06/2017

Trivandrum, Kerala, India

with overall GPA of 7.97 out of 10

- Mechanical Engineering

Higher Secondary

St. Joseph's Higher secondary school

05/2011 – 04/2013

Trivandrum, Kerala, India

with 92.5% score

- Science with Mathematics

SSLC

Vimala Hridaya HS

05/2010 – 04/2011

Trivandrum, Kerala, India

with CGPA of 10 out of 10

CERTIFICATES

AVEVA PDMS (06/2018 – 07/2018)

Gained knowledge of working using PDMS

- Equipment design
- Nozzle orientation
- Piping Design
- Structure
- HVAC

PROJECTS

AREA OF INTEREST

- Design
- Maintenance
- Thermal engineering
- Turbo machinery

Aeroacoustics of Aerofoil (05/2016 – 04/2017)

- An investigation into the aero-acoustic noise produced by an aero foil using experimental and computational methods.
- Comparing noise produced by an aerofoil with different surface texture.
- Acoustic Characteristics of NACA0012 was studied for different flow conditions.

Battle Chess (08/2015 – 04/2016)

- Construction of a 6mx6m automatic chess board.
- Game played on laptop, movement of chess piece is done by making use of mechatronic system.
- Involves design and fabrication of frame, programming 8 stepper motor using microprocessor including sensor feedback

Pollution of Karamana river by Killi river (08/2010 – 04/2011)

- Done study on 2 major rivers flowing through the city of Trivandrum in Kerala.
- Water quality analysis of Killi river flowing through the industrial areas of city which pollutes Karamana river which is the fresh water source of the city on mixing.

INDUSTRIAL TRAININGS

Mechanical Engineering trainee (Maintenance)

Al Hitmi Group

11/2017 – 12/2017

DOHA, QATAR

AL Hitmi Blocks and tiles Factory

- Supervising and undertaking maintenance of two fully automated production lines having mechanical, hydraulic, pneumatic & PLC system.
- Making production and maintenance report.

IN-PLANT TRAINEE

Travancore Titanium Products Ltd

05/2016 – 06/2016

Trivandrum, INDIA

- Learned about heavy machineries involved in production of titanium dioxide like cyclone precipitators, agitators, rotary kilns & maintenance procedure of the above-mentioned machineries, centrifugal pumps, vacuum pumps, reduction gears

PASSPORT DETAILS

Nationality : Indian
Place of issue : Trivandrum, Kerala
Date of issue : 28/08/2017
Valid upto : 27/08/2028

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility of the same.

Mumbai
22/10/2018

Gokul Krishna GK

