



MOHAMMED SHEHZAD VP

Mechanical Engineer |

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| Visa status : Visiting visa |

SUMMARY

I am seeking a role which allows me to continue learning and perfecting my skills as I provide high-quality work, and encourages me to flourish as a Mechanical Engineer. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

EXPERIENCE

Graduate Engineer Trainee

Cochin Port Trust - Kerala (2019 - 2020)

Duties and Responsibilities:

- Coordinating and overseeing contractors performing maintenance.
- Planning and coordinating infrastructure and equipment maintenance schedules and activities.
- Preparing reports and compliance documentation.
- Checked status reports daily.
- Inspecting and testing materials, equipment, processes, and products to ensure quality specifications are met.
- Diagnosing problems in the production line and providing recommendations and training.
- Keeping abreast of advancements in engineering and production and sharing knowledge with co-workers. Identifying, documenting, and reporting unsafe practices.

EDUCATION

Bachelor of Engineering in Mechanical Engineering, August 2021,

APJ Abdul Kalam Technological University – Kerala, India. [CGPA : 7.82]

HSE Computer Science, March 2017.

Government Boys Parayancherry H S School – Kerala, India.

ACADEMIC PROJECT

Topic: “**AUTONOMOUS SANITIZER DISPENSER**”

Description: Autonomous Sanitizer dispenser is used as part of the regular cleaning cycle and aims at preventing and reducing the spread of infectious diseases, viruses, bacteria, and other types of harmful organic micro-organisms in the environment by breaking down their DNDNA structure. The robot is safe, reliable and eliminates human error. Furthermore, it is user friendly and is designed to be operated by every-day cleaning staff. It provides a safe environment for guests and family. Can disinfect larger areas such as airports and other transport stations. We can keep our home safe during travelling by Automated working of Autonomous Sanitizer Dispenser. A fully autonomous system delivering fast, chemical free, hospital grade disinfection for healthcare, offices, hotels, airports, cruise ships, shopping malls and residential etc. without human interaction.

PAPER PRESENTED

Paper presented on “**Tethered Undersea Kites**” at MES College of Engineering and Technology.

Tethered Undersea Kites systems (TUSK) is a new hydrokinetic energy technology in which a tethered, rigid-winged hydro-kite is submerged in an ocean or tidal current and controlled to move in high-speed cross-current motions. The main benefits of TUSK is that the hydro-kite can move in high-speed cross-current motions (much like a kite in air) over large swept areas to greatly increase power output. The amount of generated power is proportional to the cube of the water velocity flowing through the turbine increase this velocity by 26 percent and the power doubles. The velocity and the generated power can be increased even more dramatically if the turbine, instead of standing still, can be put in motion so it can actively move through the current. Minesto has developed two models of its Deep Green tidal kite, which is able to operate in low-velocity (1.2-2.4 m/s) tidal currents. TUSK systems have potential advantages over conventional marine turbines, mainly that TUSK systems will be able to generate cost-effective energy with smaller, less costly systems, and at more locations within ocean currents and tidal flows where current speeds are too low to make marine turbines feasible. A TUSK system with wing area of 30 m² operating in that current will produce about 300 kW of power. A school of 100,000 such wings operating in the world's ocean currents would generate 30 GW of power.

SKILLS

- Commercial Awareness.
- The ability to work well under pressure.
- Problem solving skills.
- Relevant technical knowledge.
- Analytical skills.
- Communication skills.
- Having Leadership qualities.
- Ability to work both independently and as part of a team.
- Punctual and able to meet deadlines.
- Proficient with computer literate such as Microsoft Office.
- Good knowledge on AutoCAD.
- Managing things in proper ways to complete tasks easily.

KEY TRAINING AND WORKSHOPS ATTENDED

- Autocad
- Tensorflow in Machine learning
- Google : The Fundamentals of digital marketing
- Learning Excel: Data Analysis
- Amazon : Machine Learning Data Readiness
- Solidworks
- Fundamentals of Machine learning with python implementation
- Computer Network proficiency
- Microsoft excel
- CNC Operator Machining Technician – ASC/Q3501 (NSQF Level 3)
- Analysis and Design of structure : Practice and challenges

PERSONAL DETAILS

Nationality	:	Indian	
Country of Residence	:	United Arab Emirates	
Visa Status	:	Visiting visa	
Passport details	:	V2229522	
Age	:	22 Years	
Languages Known	:	English	■■■■■
		Malayalam	■■■■■
		Hindi	■■■■■