

MASOOD AKHTAR VAHEED

Organized, top performer and goal-driven individual with 7 months of experience as associate consultant in a market research firm. Graduated in Bachelor of Technology in Mechanical Engineering from Lovely Professional University. Possess excellent communication skills and have an eye for detail. Flexible to work in any environment as required.



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EDUCATION

Bachelor of Technology (Mechanical Engineering)

Lovely Professional University

2017-2021

PERCENTAGE: 77.2%

XII – CBSE BOARD (MPC + Computer Science)

Kendriya Vidyalaya No-02, SVN, Visakhapatnam

2015-2017

PERCENTAGE: 70.6%

X – CBSE BOARD

Kendriya Vidyalaya No-02, SVN, Visakhapatnam

2014-2015

CGPA: 9.4

WORK EXPERIENCE

ASSOCIATE CONSULTANT LEVEL-01

*Fact.MR, a division of Eminent Research and Advisory Services,
Pune, Maharashtra*

(Dec 2020 – July 2021)

Description:

- Preparing market specific in-dept research reports, articles and collaterals pertaining to chemicals, materials, and industrial goods domains
- Performing primary and secondary research related to existing and emerging markets for extracting datapoints in order to analytically estimate the market value and in-sights
- Preparing market estimation and input sheet based on the datapoints such as production capacity, key players operations, product penetration, pricing and driving factors

Achievements:

- Awarded with “**Employee of the Month**” in March 2021, for preparing unique report on a chemicals and materials market, which was sold at a higher price point to the client

INTERNSHIPS

Summer Intern – Synergies Castings Limited, Visakhapatnam

(3 JUNE 2019 – 3 JULY 2019)

Description:

- I worked as a summer intern in Synergies Castings for four weeks. Where, I have gone thorough various manufacturing processes involved in manufacturing an alloy wheel. I catered in robo lines and CNC department. This internship helped me to club my theoretical knowledge with industrial ones

SKILLS

Solidworks

Creo

Robotics

MS Office

Internet of Things

HTML/CSS

Javascript

MATLAB

C/C++

Python

MySQL

Extensive Web Research

Business Planning

Team Player

Leadership

Project Management

Written Communication

Adaptability

Fast Learner

Emotional Intelligence

CERTIFICATIONS

1. Certified Solidworks Professional

(Mechanical Design, Surfacing, Sheet Metal, Weldments)

2. Python (Udemy)

3. MySQL (Udemy)

4. MATLAB (Skill-Lync)

POSITIONS OF RESPONSIBILITY

1) Project Captain – Team Blizzards (2019 – 2020)

Description:

- I worked as project captain of Team Blizzards. The project was to manufacture an electrically driven motorcycle for a all India level competition. I was responsible for the project completion, team coordination and action plan. With all the team effort's we got success in the completion and won "Best Vehicle Design Awards & Best Business Plan Awards"

2) Mechanical Head – Robotics and Intelligent Systems Community (RISC-LPU) (2018 – 2020)

Description:

- I worked as a mechanical head in student organization RISC-LPU. In which my major role was to conduct technical events, recruit new members, participate in various tech events and to manage and provide plan of action to the junior coordinators

PROJECTS

1) E-Bike Racing Challenge- 2020

JAN 2019-JAN 2020

Objective: This project was about manufacturing a electric motorcycle using engineering concepts to compete with different teams across India by undergoing different levels of testing. In-addition to that, I have given business plan presentation of the manufactured vehicle.

Role: Team Captain & Head of Business Plan Dept. being the team captain, I was responsible for the team coordination and project completion. I was involved in all the departments in the team.

Learning Outcomes:

- Manufacturing of E-Bike (Technical Learning)
- Electric vehicle mobility
- Internet of thing (Making circuits, coding, troubleshooting)
- Dealing with failures and losses

2) International Go-Kart Championship - 2020

NOV 2019-MARCH 2020

Objective: This project was about manufacturing a Go-Kart using engineering concepts to compete with different teams across India.

Role: Member steering and suspension department & head of business plan department. My major role was to make

reports for steering department, manufacturing various components of the vehicle, and preparing business plan for the Go-kart. I have also manufactured and coded speedometer for the Go-kart.

Learning Outcomes:

- Manufacturing of Go-kart
- Problem Solving and inventory management
- Importance of weight and cost reduction while manufacturing any component

3) Internet of Things (IOT), Automation & Robotics

JAN 2020-NOV 2020

Objective: To make projects on IOT, automation & robotics and understand its application in the current industry. These projects were made by me individually during lock-down period. Below is the list of projects associated to it.

- Control and collection of data from various sensors using Arduino Uno, NodeMCU ESP 8266 and Raspberry Pie
- Line following robot (LFR)
- Self-balancing robot
- Obstruction detection robot
- 4 DOF remotely controlled robot using Wi-Fi module
- Home automation (Wi-Fi/Bluetooth)

RESEARCH PAPER PUBLICATIONS

Design, Analysis and Manufacturing of Four Degree of Freedom Wireless (Wi-Fi) Controlled Robotic ARM
Ref.: SS/0116/2021

(Shodh Sarita, Volume 8 Issue 29, Jan.to March 2021)

Description:

- This research paper was written by me and my other classmates. The paper focuses on manufacturing a 4 DOF remotely controlled robotic arm using Wi-Fi and explains about the manufacturing processes, material selection, kinematic calculations, electronics used, coding and testing under varying loads

LANGUAGES

English (Full Professional Proficiency)

Hindi (Native or Bilingual Proficiency)

Telugu (Native or Bilingual Proficiency)