



# SHOAIB SHAIKH

MECHANICAL ENGINEER

## PROFILE

Aspiring Mechanical Design Engineer, with experience in tool design and development through 2D and 3D CAD modelling, aiming to translate design requirements into actionable plans by applying the principles of engineering design and mechanical Engineering

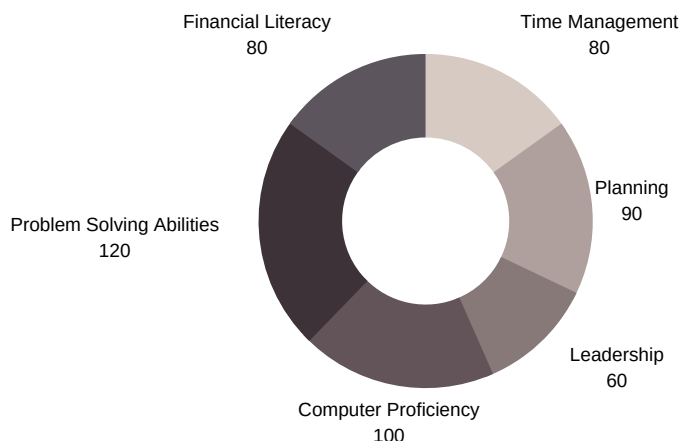
## CONTACT

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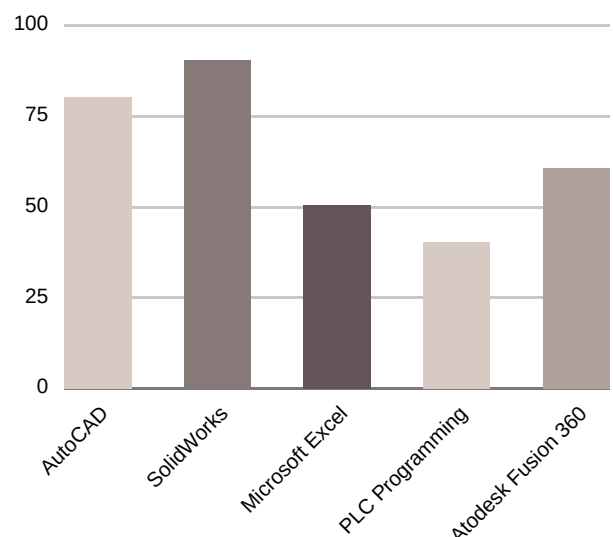
## EDUCATION



## SKILLS



## SOFTWARES



## EXPERIENCE

JULY 2023  
DEC 2021

### **DESIGN AND DEVELOPMENT OFFICER** **GOA SINTERED PRODUCTS**

- Coordinated with customer to evaluate requirements and adjust design specs for optimum manufacturability, material selection and tool utilization, which led to an increase in efficiency by 10%.
- Providing technical assessment, auditing and summarizing of technical information necessary for a quotation based on various standards such as ISO, DIN, MPIF, IS3980, JIS, ASME.
- Conducted research into the design, feasibility, and operations economically viable for the development of the part.
- Planned the most suitable and economically viable process for development of the part.
- Assigned appropriate material based on the mechanical properties required by the customer.
- Generated blueprints and schematics in 2D and 3D-modeling for tool which helped in error detection and convenience of tool room.
- Designed process sheet for optimum and smooth operation of production.
- Coordinated with cross-functional teams, including production managers, manufacturing engineers, and quality assurance, to ensure design feasibility and manufacturability.
- Conversed with the production team to implement design based on specification and to investigate failures.
- Collaborated with suppliers for updates on manufacturing status, supplementary treatments and ensure their compatibility with design specifications.
- Identify opportunities for process improvement and propose innovative solutions to enhance product performance, reliability, and efficiency.

DEC 2021  
SEPT 2021

### **PRODUCTION SUPERVISOR** **SCHIFFER AND MENEZES INDIA**

- Lead a team of 150+ manpower across 7 blister packing machines to deliver desired output within specified time.
- Arranged and monitored manpower and packing material.
- Established proper documentation through SAP to keep track of production.
- Reorganized arrangement of manpower to achieve smooth functioning.
- Attained machine efficiencies above 85% by proper planning and coordinating with 4 departments.

AUG 2019  
JUL 2019

### **INTERN** **SAI POINT CARS**

- Observed various shop floor teams that engaged in Wheel alignment & balancing, engine oil changing & general guideline checking as part of overall car maintenance & service.

OCT 2017  
AUG 2017

### **INTERN** **STAY SHARP DIAMOND TOOLS**

- Conducted maintenance of various machineries under the guidance of maintenance engineer.
- Studied the aspects of production and quality department in the industry.
- Gained knowledge about plastic injection molding process.

## CERTIFICATIONS

### ECU TUNING & REMAPS

Feb 2023  
Techmaghi

### Microsoft Excel

Aug 2022  
LearnVern

### SolidWorks

Feb 2022  
Udemy

### PLC Programming

Jun 2021  
AutoTech Technologies

### AutoCAD

May 2018  
Chowgule Center For Applied  
and Professional Studies

## PROJECTS

### Design of Solar Powered Grass Cutter using Arduino

2021

An Automated grass cutter which consumes Arduino for its operation. The power is delivered by solar panel which is gathered in the battery.

### Surface Modeling

2021

Used various SolidWorks features to do Surface Modeling of the 2016 Ford Mustang and 2016 Dodge Challenger

### Sugarcane Lifter

2018

An engine driven bucket conveyor mechanism which guides the sugarcane directly onto the truck.

## VOLUNTEER

### NSS Volunteer

Aug 2019 - Aug 2021

National Service Scheme

Covered several aspects like cleanliness drives, sanitation drives, blood donation, helping patients in hospitals, helping inmates of orphanages and the physically handicapped.

## PERSONAL DETAILS

**DATE OF BIRTH** : 14th April 1999

**LANGUAGE** : English, Hindi, Urdu,  
Konkani

**GENDER** : Male

**MARITAL STATUS** : Single

**NATIONALITY** : Indian

**RELIGION** : Islam

## HOBBIES

Football, Music, Financial Literacy,  
Book Reading