

VITHOBA SHEWALE

Design Engineer

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Pune, India



SUMMARY

Mechanical Engineering graduate, Proficient in engineering design, specializing in Design Engineering, material selection, and project management.

EXPERIENCE

Research Assistant

National Chemical Laboratory

08/2018 - 09/2019 Pune

CSIR-National Chemical Laboratory, Pune is a research, development, and consulting organization with a focus on chemistry and engineering

- Design and Developed Automated Testrig for analysis of different types of washers which reduce the time of testing by 75%
- I designed and implemented a custom semi-automated data analysis platform using MATLAB that reduced data analysis time
- Carried out investigation on load-deflection characteristics of Helical Spring lock Washer(HSL) and Belleville Washer and Validate results by Abacus CAE
- Paper published in Springer journal

Site Engineer

Variate Consultants Private Limited

07/2016 - 12/2016 Pune, India

Variate O&M division provides high quality O&M (Operation & Maintenance) services for Solar and Wind power plants.

- Surveys- Did Site Surveys for Solar Photo Voltaic plant installations to effectively analyze the shading pattern, maximum capacity, suitability of execution, and SPV design accordingly on CAD Software
- Communication- Ensured proper coordination with Clients / Customers, Manufacturing and QA Teams from inquiry to completion stage, and communicating with purchase team and vendor's
- Rendered technical support to the Marketing and Estimation Team during the inquiry stage design of SPV SYSTEM

EDUCATION

Master of Technology in Design Engineering

MIT World Peace University

01/2017 - 01/2020

CGPA

9.42 / 10

Bachelor of Engineering in Mechanical Engineering

Savitribai Phule Pune University

2012 - 2016

%

61 / 100

SKILLS

CAD skills

AutoCAD

SolidWorks

ANSYS

Programming skills

MATLAB

C++

Python

Other

Computer Simulation & modeling

Data Analysis

3D Printing

Finite Element Analysis (FEA)

LANGUAGES

English

Proficient



Hindi

Proficient



Marathi

Native



STRENGTHS

Oral and Written Communication

Reliable and Consistent

Committed to Lifelong Learning

Team Building