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

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

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

1 01/2017 - 01/2020

Bachelor of Engineering in Mechanical Engineering

Savitribai Phule Pune University

2012 - 2016

61 / 100

CGPA

9.42 / 10

SKILLS

CAD skills

SolidWorks AutoCAD ANSYS

Programming skills

MATLAB C++ **Python**

Other

Computer Simulation & modeling

Data Analysis 3D Printing

Finite Element Analysis (FEA)

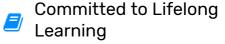
LANGUAGES

English Proficient	••••
Hindi Proficient	••••
Marathi Native	••••

STRENGTHS

	Oral and Written
99	Communication

Reliable and Consistent



Team Building

Powered by Enhancy