

ADARSH RAJEEV MUMBUVEETIL

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**Career Aspiration**

To work in a field where I can use my technical knowledge and abilities to a variety of engineering problems in order to benefit the business and society.

Work Experience**Engineer at Swegon BlueBox Pvt Ltd.: Nov 2022 – Present**

- Design & Development of Chillers & PAHU.
- BOM Preparation (Software used: SAP).
- Costing for order specific units & providing add on cost for specialised units.
- Making Price list for all range of products for all configurations.
- Created & maintained production manufacturing documents
- Provided support for development projects and special sales order.
- Supplied day to day shop floor support as required to satisfy customer commitments.

GET-Design Engineer at Swegon BlueBox Pvt Ltd.: Nov 2021 – Nov 2022 (1 Year)

My role here is as a design engineer working in 3D & 2D using Solidedge software by Siemens for designing chillers, data cooling and residential cooling and heating products by understanding the products and polishing the fundamentals of RAC by learning new things, BOM checking and correction in SAP, costing & making price list in Excel.

Academic Qualification

Highest Qualification: Bachelor of Engineering (B.E.) in Mechanical Engineering

Duration: June 2017 – 2021

University: Mumbai University

Institution: Pillai HOC College of Engineering and Technology, Rasayani. **Total**

Marks: 76.43

CGPI : 8.60

Achievements: First Year Topper in PHCET
Student Member of ISHRAE.

XII

Board : CBSE

Year of Completion : 2017

Institution : M.G.M. Higher Secondary School

Total Marks (%) : 83.2

Achievements : College Topper

X

Board : CBSE

Year of Completion : 2015

Institution : M.G.M. Primary and Secondary School

Total Marks (%) : 86.2

CGPI : 9.4

Projects Worked On

Graduation Thesis

Multi-Season Renewable Power Generation System for Apartments :

An Integrated Wind and Hydro power generation system in which an innovative method was used to collect the rainwater and use it for power generation or directly increase the efficiency of wind turbine or as an separate system.

Skills used : Research and Data Analysis, CAD Software (Solidworks, Fusion 360), Analysis Software (Ansys), Design and Calculation of Turbine, Time and Team Management.

Air Pollution Monitoring System for Industries :

Controlling the number of harmful gases exiting the chimney by implementing system which detects the required amount of pollutants to be released and after the threshold a shutdown is initiated with alarm.

Skills used : Knowledge of Thermodynamics, Design, Research, Arduino, Workshop skills.

Smart Wheelchair (Wheel-E) :

A smart obstacle avoiding wheelchair with remote control access.

Skills used : Research, Design and Assembly, Solidworks, Arduino, Time management.

Certifications

Certified SOLIDWORKS Professional (CSWP)

Certified SOLIDWORKS Associate (CSWA)

Intro to Digital Manufacturing with Fusion 360 From Autodesk

Autodesk Fusion 360 Integrated CAD/CAM/CAE

Certified SolidEdge Mechanical - Expert level certification.

Achievements

Passed Intermediate Grade Drawing Examination with A grade.

Passed Elementary Grade Drawing Examination with C grade.

Passed 9th, 14th National Science Olympiad.

Passed 3rd, 6th International Mathematics Olympiad.

Passed International Mathematics Olympiad Contest.

Qualified for NGSF mains 2013.

Software Skills

- Solid Works
- ANSYS
- Auto CAD
- Fusion 360
- MS office
- Solidedge
- Autodesk Inventor

Other Skills

Proficiency and Fluency in English Language,
Good Communication and interpersonal skills,
Creative thinking and problem solving mentality.

Personal Profile

Name : Adarsh Rajeev Mumbuveetil

Permanent Address : Krishna Niwas, Room No. 301,
Plot No. 226/227, Sarsole Gaon, Nerul,
Navi Mumbai – 400706, India.

Date of birth : November 19, 1998.

Nationality : Indian.

Father's name : Rajeev Kochukrishnan Mumbuveetil

Mother's name : Bindu Rajeev Mumbuveetil

Languages known : English, Hindi, Malayalam, Marathi Passport

No : V2946709

Passport Expiry Date : 26-JULY-2031.