

# RAHUL PATIL

M.Sc. Wind Energy Engineering



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## 🎓 EDUCATION

**Master of Science - M.Sc. Wind Energy Engineering**  
**Flensburg University of Applied Sciences**  
09/2023 – present | Flensburg, Germany

**Bachelor Of Engineering - BE. Mechanical Engineering**  
**Gujarat Technological university**  
07/2016 – 05/2019 | Ahmedabad, India

## 🌐 LANGUAGES

German ● ● ● ● ●

English ● ● ● ● ●

## 💻 SOFTWARE

QGIS	WindPro
MATLAB	Python
MS Office	LaTex
SolidWorks	

## 🧩 ORGANIZATIONAL SKILLS

Time management  
Team Player  
Good Communication skills  
Planning & Management

## 📁 PROFESSIONAL EXPERIENCE

### Opera Infrastructures LLP

#### Senior Engineer (Installation and Commissioning)

06/2023 – 10/2023 | Jamnagar, India

- Responsible for Wind Turbine Installation for EN-156/3.3MW and Senvion 2.7/M130 models, overseeing pre-commissioning activities to ensure seamless execution.
- Managed mechanical completion and commissioning phases, ensuring all systems were correctly installed and fully operational.

### Senvion India Wind Power Services LLP

#### OMS Engineer

03/2023 – 06/2023 | Mumbai, India

- Led preventive and breakdown maintenance, along with retrofitting activities for a 36.8 MW Senvion wind power plant consisting of 16 Senvion 2.3/M120 turbines.
- Managed critical repairs, including the replacement of Gearboxes, Transformers, and Generators.

### UGES Power Max Private Limited

#### OMS Engineer (Envision Wind Power services India Pvt.Ltd., EN 131/2.5MW)

07/2019 – 03/2023 | Vadodara, India

- Performed Preventive, Corrective, and Predictive maintenance on Wind Turbine Generators, including major repairs such as Pitch Bearing, Generator, Generator Bearing, and Gearbox HSS Shaft replacements.
- Responsible for Root Cause Analysis by identifying mechanical failures, implementing corrective actions, and recommending preventive measures.

## 📁 PROJECTS

### Rotor Hub and Pitch System design for 5MW onshore Wind Turbine

09/2024 – 01/2025

### 12.6 MW Wind Farm Project Development in India using WindPro and QGIS

09/2024 – 01/2025

Conducted energy yield assessments by analyzing various turbine layouts and curtailment strategies to optimize wind farm performance by using WindPro

09/2024 – 01/2025

### Experimental investigation of various glass fiber composites laminates

01/2019 – 05/2019

### Feasibility study of Compressed Air vehicle

12/2015 – 04/2016