

Internship Reference

Mr Abdul Hamid Rather was employed in our company from 9 Jan 2023 to 8 Apr 2023 in the Propulsion department as a Intern Propulsion Test Data.

Rocket Factory Augsburg AG is a young international space startup. It was founded in 2018 as a spin-off of the OHB Group on the belief that flexible access to space will revolutionize space services and the way we can improve life on earth. RFA is developing space launch solutions for low cost access to space in a unique set up.

During the entire period of his internship, Mr Abdul Hamid Rather was assigned to the Propulsion department as Intern Propulsion Test Data. Here he was assigned, in particular, the following tasks:

- Rocket engine data analysis using Python: data processing using numpy, scipy and pandas and plotting using matplotlib, plotly and bokeh
- Data analysis of Rocket Engine Hot-fire and Coldflow test
- Spectral analysis of high frequency data: FFT, PSD and spectrograms of vibration sensors
- Improvement of pressure drop testing process: flow window automatic detection for averaging
- Test documentation

Mr Rather acquired sound specialist knowledge within a short time in the respective departments.

- Python programming language
- Pandas, Numpy and Scipy libraries

His ability to familiarise himself rapidly enabled him to grasp even complex training content swiftly. Mr Rather always worked using his own initiative and fully identified with his responsibilities and our company at all times. He displayed a high level of dedication and motivation. Mr Rather stood out because of his very great eagerness to learn during the entire internship. He always demonstrated resilience even in highly stressful situations.

He was highly appreciated by our company because of his diligent and responsible way of working. Mr Rather was extremely reliable.


He always found good solutions for any problems which arose. He was fundamental in helping us automate an in-house test procedure that previously was processed manually. The performance of Mr Rather during his internship was fully appreciated by us in every respect.

He was highly appreciated both inside and outside the company for his consistently friendly and even-tempered disposition. He was always helpful, courteous and even put his personal interests on hold if necessary. His conduct towards his line managers, supervisors, colleagues or towards clients was always exemplary and loyal. He was friendly and helpful towards other trainees at all times.


We would like to thank Mr Rather for the good and pleasant collaboration. We wish Mr Rather continued success and all the best for his future career and private life.

Augsburg, 8 Apr 2023

Rocket Factory Augsburg AG



i.V. Pierpaolo Toniato
Head of Propulsion



i. V. Katja Eser
Head of HR