

# YAWAR MAHMOOD

Data Scientist, AI developer

Trondheim, Norway

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## LINKS

*[Github](#), [LinkedIn](#), [APIIR](#)*

## PROFILE

Driven and adaptable, I excel at solving complex problems and thrive in collaborative settings. Combining expertise in mathematics and statistics with strategic insight and business development, I turn ideas into impactful, data-driven solutions.

## EMPLOYMENT HISTORY

❖ **Chief Product Officer, APIIR** ..... Sep 2023 — Present  
Trondheim

As the Chief Product Officer (CPO) at APIIR, I have been instrumental in establishing APIIR as a leader in the bike fitting. My key contributions include:

- **Business Development:** Led business development, forging partnerships and aligning product strategies to fuel growth.
- **Brand & Marketing Leadership:** Strengthened brand recognition and user loyalty through strategic marketing.
- **Sales Strategy & Profitability:** Developed and executed sales strategies, achieving positive ROAS and ensuring financial sustainability.
- **Product Development:** Directed product roadmaps and user testing for feature improvements.

### **Achievements:**

- Led the successful launch of APIIR's first B2C app, growing the user base to 20,000+ with strong reviews.
- Secured the app's financial viability and long-term sustainability through strategic planning and execution.
- Successfully raised over \$300K USD in funding to support the company's growth and product development.

❖ **Full Stack Developer and Lead Data Scientist , APIIR** ..... Jun 2022 — Present  
Trondheim

As a key contributor to the development and maintenance of the APIIR Bike Fit application, I have been instrumental in several critical areas:

- **Mobile Application Development:** Developed and maintained the APIIR Bike Fit app using Flutter (iOS and Android).
- **Algorithm Development:** Created algorithms providing centimeter-precision bike fitting adjustments.
- **API and Data Analysis Tools:** Contributed to API and data analysis tools for cloud functionality and storage solutions.

❖ **Vice President, Nabla - the student association for Physics and Mathematics** ..... Mar 2022 — Mar 2023  
Trondheim

Managed the association alongside the President, handling administrative tasks and communications.

❖ **Head Of Web-Committee, Nabla - the student association for Physics and Mathematics** ..... Mar 2021 — Feb 2022  
Trondheim

Led the technical management of Nabla's websites and IT operations.

❖ **Teaching Assistant, Norwegian University of Science and Technology** ..... Aug 2021 — May 2022  
Trondheim  
Guided students on magnetohydrodynamic propulsion boats and physics curricula from the subjects FY1001  
Mechanics and Physics and TFY4163 Wave Physics and Fluid Mechanics.

❖ **Mentor, Mentor Norge** ..... May 2021 — Mar 2022  
Mentored high school students in mathematics and science, aiding them in mastering coursework.

## EDUCATION

❖ **Norwegian University of Science and Technology** ..... Aug 2020 — Present  
M.Sc. Trondheim  
Specializing in Statistics

## EXTRA-CURRICULAR ACTIVITIES

❖ **Software Developer** ..... Sep 2020 — Present  
WebKom Trondheim  
As a member and developer of Nabla's IT committee, WebKom, I contributed to the technical management and  
development of the student association's digital platforms.

## COURSES

❖ **Google Data Analytics** ..... Jan 2023 — Jun 2023  
Google

## LANGUAGES

Norwegian	Native speaker	Urdu	Native speaker
English	Native speaker	German	Highly proficient

## SKILLS

Communication Skills	Programming
Ability to Work Under Pressure	Languages: Python, C++, Dart
Fast Learner	Frameworks: Django, Flutter, Firebase,
Ability to Work in a Team	Pandas, PyTorch, Tensorflow
Complex Problem Solving	Cloud Tools: Google Cloud Platform

## HONORS AND AWARDS

❖ **Finalist in vitendagen, 2019** ..... Oslo  
Issued by Equinor, Morgendagens Helter, Inspiria science center  
Was one of 20 finalists who won the knowledge competition. Participated in the seminar Energy Perspective, and  
was involved in solving, and presenting, a specific task related to tomorrow's energy challenges.

❖ **Finalist in the Dynatec project in Physics, 2019** .....

**Issued by Dynatec AS**

In teams, performed calculations, lab experiments, and a sales presentation of a real project delivered by Dynatec AS.

❖ **Chemistry Olympiad 2019/2020** .....

Qualified for round 2 of the Norwegian selection for the international final in Istanbul, 2020

❖ **Best 1st year team - NCPC 2020** .....

**Issued by IDI**

Nordic Collegiate Programming Contest