



# Mustafa Sarshar (a.k.a. Musto)

## Full-Stack Web Developer, UI Designer, and Sports Data Scientist

Magdeburg, Germany

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- 🌐 <https://mustafa-sarshar.github.io/portfolio-website/>
- 🔗 <https://www.linkedin.com/in/mustafa-sarshar-musto/>
- 🐙 <https://github.com/mustafa-sarshar>
- BDS <https://www.behance.net/mustafasarshar>
- RG <https://www.researchgate.net/profile/Mustafa-Sarshar-2>

### Profile:

I am a seasoned full-stack software/web developer, specializing primarily in the MEAN stack. Additionally, I possess strong UI design skills and proficiency in Figma. With invaluable years of experience in utilizing Artificial Intelligence for sports and health research, I bring a unique perspective to my work. Furthermore, my background as a former basketball coach and athletic trainer adds a valuable dimension to my expertise.

### Technical Skills

#### Front-End

- HTML, CSS/SCSS
- Bootstrap, W3Schools, Angular Material
- Vanilla JavaScript/TypeScript, jQuery
- Angular, React, React Native
- Progressive Web Application (PWA)
- Figma

#### Back-End

- NodeJS & ExpressJS
- Relational & non-relational databases
- Hosting & web service (Firebase, Heroku, Netlify, GitHub-Pages)

#### Others

- Python3
- Version Control (Git)
- Test- & Behavior-Driven-Development

### Education

#### UI (User Interface) Design

CareerFoundry Apr. 2023 – Aug. 2023

#### Full-Stack Web Development

CareerFoundry Sep. 2022 – Mar. 2023

#### Physical Activity & Health, Master

FAU, Erlangen Oct. 2017 – Jan. 2020

#### Sport Science, Master

Uni Konstanz, Konstanz Oct. 2016 – Sep. 2017

#### Sports Coach, Bachelor

EGE Uni., Izmir Sep. 2011 – Jul. 2016

#### Computer Software, Associate

Shamsipour, Tehran Sep. 2005 – Aug. 2008

### Work Experience

#### Content Creator

ReDI School - Berlin Jan. 2023 – Jun. 2023

- Collaborating with a team of developers to ideate and create a comprehensive full-stack web development course.

#### Research Assistant

Hochschule (H2) - IWID, Magdeburg Apr. 2022 – Aug. 2022

- Played an integral role in formulating and advancing the application of AI in sports biomechanics and health domains.

#### Research Assistant

OVGU - SPW, Magdeburg Feb. 2020 – Mar. 2022

- Contributed to the organization of lab-based experiments, encompassing the entire process from conceptualization to performance evaluation.
- Provided valuable assistance in data analysis and contributed to the publication of scientific research.
- Revolutionized the field of gait analysis by developing an innovative AI-based model that automates the analysis of human walking, thereby modernizing the entire procedure.

#### Student Research Assistant

FAU Erlangen - DSS, Erlangen Sep. 2018 – Jan. 2020

- Made significant contributions to scientific research projects related to sports and health.
- Provided valuable support in conducting lab-based experiments.
- Enhanced and refined experimental methods utilized in scientific projects.

#### Basketball Trainer

CVJM Basketball, Erlangen Sep. 2017 – Jun. 2019

- Successfully organized and conducted training sessions for both youth and adult teams, ensuring their effective development and progress in sports.
- Actively contributed to various social activities, fostering a sense of community and promoting engagement within the organization.
- Implemented strategies to enhance the quality of training programs, incorporating innovative techniques and methodologies to optimize player performance.
- Developed and delivered after-school basketball courses specifically designed for elementary schools, aiming to enhance the skills and abilities of young players.
- Played a key role in expanding the club's reach and visibility by implementing improved marketing strategies, attracting a wider audience and increasing membership.

### Certificates

#### Problem Solving Using Computational Thinking

Coursera Jun. 03.2021

#### Fitness Trainer B License

Akademie für Sport & Gesundheit Sep. 08.2019

#### DBB C License

German Basketball Federation Jul. 25.2017

### Soft Skills

- Communication
- Leadership
- Team work
- Problem solving
- Self-motivation

### Language Skills

- English (academic)
- German (advanced)
- Turkish (academic)
- Persian (native)

### Web Development Projects

#### Musto Task Reminder

Personal project Jun. 2023 – Aug. 2023

- A cloud-base web-application using Angular and Firebase for creating daily tasks with task reminder feature
- CRUD operations, RESTful API, PWA

#### Live Demo:

<https://mustafa-sarshar.github.io/musto-task-reminder>

#### Source code:

<https://github.com/mustafa-sarshar/musto-task-reminder>

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#### Source code:

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#### Musto Flix & Movie Api

Personal project, CareerFoundry Oct. 2022 – Mar. 2023

- A full-stack project using MEAN stack for movie fans.
- CRUD operations, RESTful API

#### Live Demo:

<https://mustafa-sarshar.github.io/musto-flix-angular>

#### Source code:

<https://github.com/mustafa-sarshar/musto-flix-angular>

<https://github.com/mustafa-sarshar/movie-api>

#### Musto Friendly Chat

Personal project, CareerFoundry Dec. 2022 – Jan. 2023

- A native mobile application for social activities with chat features
- ReactNative, Firebase

#### Demo on YouTube:

[https://www.youtube.com/watch?v=vFDsjfluJ\\_c](https://www.youtube.com/watch?v=vFDsjfluJ_c)

#### Source code:

<https://github.com/mustafa-sarshar/friendly-chat>

### UI Design Projects

#### Green Shopper

Personal project, CareerFoundry Jul. 2023 – Aug. 2023

- An online shop for vegetarian and vegans. The design is for responsive web app as well as a native mobiles, iOS and Android.

#### Case Study:

<https://www.behance.net/gallery/177535569/Green-Shopper>

#### Live Prototype:

[https://www.figma.com/proto/A4FdToY1x7nJeise670AvB/Musto\\_Green-Shopper\\_\\_Android-v1?type=design&node-id=1-6893&t=glytB3ZfzjoPXMPN-1&scaling=scale-down&page-id=0%253A1&starting-point-node-id=1%253A6629](https://www.figma.com/proto/A4FdToY1x7nJeise670AvB/Musto_Green-Shopper__Android-v1?type=design&node-id=1-6893&t=glytB3ZfzjoPXMPN-1&scaling=scale-down&page-id=0%253A1&starting-point-node-id=1%253A6629)

#### Fitani

Personal project, CareerFoundry Jul. 2023 – Aug. 2023

- A mobile-based fitness and health application. The design covers training and workouts, health behavior strategies, statistics and etc.

#### Case Study:

<https://www.behance.net/gallery/177581687/Fitani>

#### Live Prototype:

[https://www.figma.com/proto/A4FdToY1x7nJeise670AvB/Musto\\_Green-Shopper\\_\\_Android-v1?type=design&node-id=1-6893&t=glytB3ZfzjoPXMPN-1&scaling=scale-down&page-id=0%253A1&starting-point-node-id=1%253A6629](https://www.figma.com/proto/A4FdToY1x7nJeise670AvB/Musto_Green-Shopper__Android-v1?type=design&node-id=1-6893&t=glytB3ZfzjoPXMPN-1&scaling=scale-down&page-id=0%253A1&starting-point-node-id=1%253A6629)

#### Easy Recipe

Personal project, CareerFoundry May 2023 – Jul. 2023

- A responsive web application to search and learn recipes of delicious foods.

#### Case Study:

<https://www.behance.net/gallery/177672775/Easy-Recipe>

#### Live Prototype:

[https://www.figma.com/proto/gIMNPHS5VyzZ2zC6xix4CSF/Musto\\_Easy-Recipe\\_\\_Prototype-v1?type=design&node-id=1-204&t=IbTlZThowaX1ep-1&scaling=scale-down&page-id=0%253A1&starting-point-node-id=1%253A358](https://www.figma.com/proto/gIMNPHS5VyzZ2zC6xix4CSF/Musto_Easy-Recipe__Prototype-v1?type=design&node-id=1-204&t=IbTlZThowaX1ep-1&scaling=scale-down&page-id=0%253A1&starting-point-node-id=1%253A358)

#### 80's Music Player

Personal project, CareerFoundry Apr. 2023 – May 2023

- A native mobile app design for music lovers.
- The design was based on the life style and popular singers of 80's.

#### Case Study:

<https://www.behance.net/gallery/177672909/80s-Music-Player>

#### Live Prototype:

[https://www.figma.com/proto/oyeYErlYkkIA6wlbaPXDNh/Musto\\_80s-Music-Player\\_\\_Prototype-v1?type=design&node-id=1-486&t=IbTlZThowaX1ep-1&scaling=scale-down&page-id=0%253A1&starting-point-node-id=1%253A486](https://www.figma.com/proto/oyeYErlYkkIA6wlbaPXDNh/Musto_80s-Music-Player__Prototype-v1?type=design&node-id=1-486&t=IbTlZThowaX1ep-1&scaling=scale-down&page-id=0%253A1&starting-point-node-id=1%253A486)

### AI Research & Projects

#### Smart Gait

Research project, OVGU Magdeburg Dec. 2021 – Feb. 2022

- Gait Phase Estimation using LSTM

#### Publication:

<https://www.mdpi.com/1424-8220/21/17/5749>

#### Source code:

<https://github.com/mustafa-sarshar/SmartGait>