



Mustafa Sarshar (a.k.a. Musto)
Full-Stack Web Developer & Sports Data Scientist
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Website:

<https://mustafa-sarshar.github.io/portfolio-website/>

GitHub:

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

Linked-In:

<https://www.linkedin.com/in/mustafa-sarshar-musto/>

ResearchGate:

<https://www.researchgate.net/profile/Mustafa-Sarshar-2>

Profile:

A full-stack software/web developer primarily using MEAN stack, with priceless years of experience in sports and health research using Artificial Intelligence, and a former basketball coach and athletic trainer.

Technical Skills

Front-End Development

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

Back-End Development

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

Other Tech Skills

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

Web Development Projects

Musto Task Reminder

Personal project

Mar. 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>

Musto Flix & Movie Api

Course 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>

Education

UI (User Interface) Design

CareerFoundry

Apr. 2023 – current

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

Musto Friendly Chat

Course 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

Source code:

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

Musto Easy Meet

Course project, CareerFoundry

Dec. 2022

- A cloud-based web-application for tech guys to find tech events around the world
- ReactJS, AWS Lambda, TDD/BDD, Google Calendar API

Live Demo:

<https://mustafa-sarshar.github.io/easy-meet/>

Source code:

<https://github.com/mustafa-sarshar/easy-meet>

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

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>

Language Skills

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

Work experience

Content Creator

ReDI School of Digital Integration, Berlin May 2023 – present

- Contributing in the development of full-stack web development course and supporting the organization in creating the course contents as a volunteer.

Research Assistant

Hochschule (h2) - IWID, Magdeburg Apr. 2022 – Aug. 2022

- Contributed in conceptualizing and developing the concept and usage of AI in sports biomechanics and health sectors

Research Assistant

OVGU - SPW, Magdeburg

Feb. 2020 – Mar. 2022

- Helped in organizing lab-based experiments from conceptualization to performance evaluation
- Supported in data analysis and scientific publications
- Modernized the Gait analysis procedure by developing an AI-based model to automatically analyse the human walking

Student Research Assistant

FAU Erlangen - DSS, Erlangen

Sep. 2018 – Jan. 2020

- Contributed to scientific research in sport- and health-related projects
- Supported in lab-based experiments
- Improved the experimental methods in scientific projects

Basketball Trainer

CVJM Basketball, Erlangen

Sep. 2017 – Jun. 2019

- Organized and run training sessions for youth and adult teams
- Contributed to social activities
- Improve the quality of trainings
- Offered after-school basketball courses for elementary schools to improve the acquisition of young players
- Helped to expand the club by improving the marketing strategies