



Michael Flohrschütz

WEB DEVELOPER

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Summary

Web developer with a background in movement training and acrobatics as well as audio engineering.

Internationally renowned, self-employed AcroYoga teacher with more than 3000 students and a track record of numerous successful teaching and event organization collaborations with colleagues.

Able to build web sites and apps from concept, layout and interactive elements to backend/server-side and databases. Can leverage analytical skills, innovative and efficient problem solving, systematization and management of complex systems and processes.

Skills

Front End Development

- HTML, CSS, JavaScript, TypeScript
- Libraries and Frameworks (React, Redux, Angular, Material, Bootstrap, SASS/SCSS, jQuery)
- Responsive design, modals and touch interaction
- AJAX and JSON
- Version Control (Git)
- Test- & Behavior-Driven-Development (unit testing, integration testing, acceptance testing, and end-to-end testing)
- Continuous Integration / Delivery
- Functional and object oriented programming
- Mobile Apps (React Native, Expo, PWA)
- CMS (Wordpress, Jimdo)
- UX/UI (Personas, user stories, user flows)

Back End Development

- NodeJS & Express
- APIs (JSON, RESTful, Postman)
- Hosting & FaaS (AWS, Google Firestore, Heroku, Netlify)
- Relational and non-relational Databases (PostgreSQL, MongoDB)

Education

- [Full-Stack Web Development](#), CareerFoundry, May 2021 - November 2021
- [Bachelor of Science in Audio Engineering](#), Technical University Graz & University of Arts and Music Graz, Graduated November 2013

Certificates

- [Tonmeister \(Sound Engineer\)](#), Deutsche POP Akademie, Sept 2005 – May 2007
- [Partner acrobatics teacher](#), partneracrobatics.com, 2013
- [Thai-massage practitioner](#), Sunshine School Thailand, 2016

Web Development Projects

MoveX

Personal project, CareerFoundry, July – September 2021

- Created a non-relational database (MongoDB) of movements from various styles and to store user data.
- Built a REST API with Node.js and Express, using Mongoose to interact with the database.
- Tested the API endpoints with Postman, wrote clean and concise documentation, deployed the API with Heroku.
- Created two single-page, responsive front-end applications, one using React (following MVC design pattern) and the other Angular (with Angular Material). Users can create accounts, browse the library and save their favorites.

[Angular client demo](#) - [Angular GitHub repo](#) - [React client demo](#) - [React GitHub repo](#) - [API GitHub repo](#)

Meet App

Personal project, CareerFoundry, October 2021

- Developed a progressive web application (responsive, cross-platform, offline available, can be added to home screen) using React, to display events (a list and charts) from a google calendar.
- Followed test-driven-development approach, translating user stories into scenarios for unit and integration testing (Jest), acceptance testing (Cucumber) and end-to-end testing (Puppeteer).
- Implemented serverless functions (AWS lambda) to authenticate and authorize users (OAuth).
- Used Kanban board following agile processes

[Meet App demo](#) - [Meet App GitHub repo](#)

Professional Experience

AcroYoga teacher

Self-employed, international, January 2014 – Present

- Taught AcroYoga and handstand workshops internationally to more than 3000 students, from small groups to large stages, inspiring them to grow physically, mentally and socially
- Collaborated with over 100 colleagues internationally to organize and host hundreds of sought-after workshops, several retreats and even a festival
- Coached over 150 private students to achieve personal goals, learn new skills and improve communication with their partner

Acoustics engineer at Concept-A GmbH

Munich, Germany, January 2015 – December 2015

- Designed and managed over 30 room- and architectural acoustics projects, from offices to high-end studios, communicating requirements and details with clients and partners to meet deadlines, budgets and leading-edge deliverables
- Advised clients about individual acoustic problems to optimize facilities or setups
- Examined acoustical properties of materials to optimize compositions and enhance the company's products