

MARK SAVILLE

FULL STACK DEVELOPER



CONTACT

+49 176 4710 7968
Einsteinstraße 13A |
39104 Magdeburg
mark.saville@outlook.com
<https://marksavilledesigns.com>
<https://www.linkedin.com/in/mark-saville/>

PERSONAL DATA

Date of Birth: 11.03.1985
Place of Birth: Louth, UK
Nationality: British, German
Family: Single
Children: None

DEVELOPER SKILLS

- HTML, CSS, JavaScript, Typescript, Node.js
- Libraries/frameworks: React, Angular, Bootstrap, Material, SASS/SCSS, jQuery
- CMS: Strapi
- API: GraphQL, Express, Postman, REST
- Databases: MongoDB, Firebase, MySQL
- Testing techniques: Unit, Integration, Acceptance, End-to-end

PERSONAL SUMMARY

Full stack web developer (MERN stack) with a background in digital technology and development. Skillset in building front-end and back-end applications, including web pages, progressive web apps (PWA) and native apps. Responsive, accessible, and user-friendly designs, developing, debugging, and launching. Excited to contribute to the future of the web development and the technology industry.

PROJECTS

Language Coach App

A single-page application created with React for a language company. The site is available in 3 languages, with language data accessed via Strapi and GraphQL. The site owner can update the text on the page via a separate admin site that has login authentication (via Firebase) and allows dynamic updating of the client-side website.

Built using: **React, Strapi, GraphQL, Firebase, EmailJS**

MyFlix Movies API

The server-side component of an IMDB style movies application. The database contains various movies with genre, description, image cover etc. It also contains a list of users, with username and (encrypted password), who are registered to the client-side app.

Built using: **Node.js, Express, JavaScript, MongoDB, Postman**

MyFlix Movies – React Client

The client-side component of a movies application. The single-page application (SPA) that allows users to sign up, view movie data and update their information, search and add and remove favorite movies.

Built using: **React, React Bootstrap, JavaScript, Parcel, JSDoc**

Link to page: <https://my-flix-films.netlify.app/>

MyFlix Movies – Angular Client

The client-side application for registering and viewing a movie database, using TypeScript and Angular, Angular Material for styling, and Typedoc for documentation.

Built using: **Angular, TypeScript, Angular Material Design, TypeDoc**

Link to page: <https://marksav85.github.io/myFlix-Angular-client/>

Meet App

A progressive web app (PWA) that allows you to search by location to see what events are happening in that city. Authentication is via Google, and the app can be saved on the desktop or home screen for easy access and allows offline functionality.

Built using: **React, React Bootstrap, AWS Lambda, Google API Services**

- Test runners: Jest, Cucumber, Puppeteer
- Web services: AWS, Google, Firestore
- Mobile apps: React native, Expo, PWA
- Workflow: Version Control (Git), Continuous Delivery, Agile, Kanban, User stories

Link to page: <https://marksav85.github.io/meet/>

Chat App

A WhatsApp-style chat app for mobile devices. Allows to users to send messages, send and take photos, send their location and record and send voice messages. As a native mobile app, it must be installed and operated on a mobile device.

Built using: **React Native, React Bootstrap, Expo, Android Studio, Google Firestore**

PROFESSIONAL EXPERIENCE

EDUCATION AND TRAINING

Full-Stack Development Program

06.2023 – 12.2023

MERN Tech Stack

Career Foundry, Berlin, Germany

HTML/CSS and JavaScript for Web Developers

02.2022 – 05.2022

HTML, CSS, JavaScript, Bootstrap

John Hopkins University (MOOC), USA

Nanodegree in Programming for Web Development

01.2021 – 04.2021

HTML, CSS, JavaScript, Express

Udacity (MOOC), San Jose CA, USA

Nanodegree in Programming for Data Science

08.2020 – 11.2020

Python, MySQL, Version Control

Udacity (MOOC), San Jose CA, USA

Bachelor of Arts in Sociology

09.2005 – 07.2008

Focus: Data Science

Grade – 2:1

Nottingham Trent University, Nottingham, UK

Freelance Web Developer

12.2023 – Current

Freelance

Magdeburg, Germany

- *Frontend Development*: Developing contemporary and modern, frontend websites and web applications using React, JavaScript, HTML and CSS.

- *Backend Development*: Establishing backend databases with MongoDB and Firebase, executing API calls using Express and implementing robust routing.

- *Support and Maintenance*: Providing ongoing support, including implementing new features and addressing bugs for websites with or without CMS integration.

Full Stack Development Training

06.2023 – 12.2023

Career Foundry

Magdeburg, Germany

- *Full time training in Full-Stack Development (see Education and Training)*

Training Digital School

06.2022 - 05.2023

Berlitz Language School

Magdeburg, Germany

- *Course Management*: Planned and coordinated diverse online programming courses catering to youths, optimizing group sizes and customization of individualized curricula for one-on-one courses.

- *Leadership and Mentorship*: Developed and delivered quarterly teacher training programs, offering mentorship to 30+ trainers. Cultivated a collaborative atmosphere through proactive meetings, communication, and team-building.

- *Quality Assurance*: Maintained high standards across 100+ weekly courses by providing vital support and addressing technical issues.

- *Customer Engagement*: Managed communication for a clientele of 700+ students, resolving issues quickly and fostering positive customer relationships.

Programming Instructor

02.2021 – 06.2022

Berlitz Language School

Magdeburg, Germany

- *Online Programming Instruction*: Conducted dynamic programming courses (ages 18 and below) in HTML/CSS, JavaScript, React, MySQL. Simplified complex concepts, fostering understanding for diverse learners.

- *Tailored Instruction*: Managed group and personalized instruction, catering to beginners and advanced students. Delivered tailored guidance, constructive feedback, and thorough evaluations, enriching the learning experience.

- *Curriculum Development*: Taught programming fundamentals, incorporating loops, conditionals, and functions. Introduced computing concepts, blending theory with hands-on coding. Showcased adaptability and creativity in curriculum design.

- *Positive Learning Environment*: Cultivated interactive learning atmosphere with high-quality programming instruction. Boosted student enthusiasm for coding, emphasizing motivation and interpersonal skills.