MARK SAVILLE
FULL STACK DEVELOPER

CONTACT

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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
- Libraries/frameworks: React, Angular, Bootstrap, Material, SASS/SCSS, jQuery
- API: Node.js, Express, Postman, REST
- Databases: MongoDB, Firebase, mySQL
- Testing techniques: Unit, Integration, Acceptance, End-to-end
- Test runners: Jest, Cucumber, Puppeteer

PERSONAL SUMMARY

Full stack web developer with a background in digital technology and development. Skillset in building front-end and back-end applications, including web pages and both web-based (WPA) 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.

TECH STACK: MERN (MONGODB, EXPRESS, REACT, NODE.JS)

PROJECTS

MyFlix Movies API

What is it: The server-side component of a movies application. Stores user and movie information, and allows users to access informaiton via API endpoints. The business logic is modeled with Mongoose and the databuse built with MongoDB. Includes token based authorisation and authentication.

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

MyFlix Movies – React Client

What is it: 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, Bootstrap CSS, JavaScript, Parcel, JSDoc**

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

MyFlix Movies – Angular Client

What is it: The client-side application for registering and viewing a movie database, using TypeScript and Angular, and uses Angular Material for styling. Typedoc is used to comment the codebase and for documentation.

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

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

Meet App

What is it: 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 so requires a Google account, 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**

- Hosting: Heroku, Netifly, GitHub
- Web services: AWS, Google, Firestore
- Mobile apps: React native, Expo, PWA
- Workflow: Version Control (Git), Continuous Delivery, Agile, Kanban, User stories

EDUCATION AND TRAINING

Full-Stack Development Program

06.2023 – 12.2023

Career Foundry, Berlin, Germany

HTML/CSS and JavaScript for Web Developers

02.2022 – 05.2022

John Hopkins University (MOOC), USA

Nanodegree in Programming for Web Development

01.2021 – 04.2021

Udacity (MOOC), San Jose CA, USA

Nanodegree in Programming for Data Science

08.2020 – 11.2020

Udacity (MOOC), San Jose CA, USA

Goethe Zertifikat B2

10.2019 – 11.2019

Magdeburg, Germany

Teaching Knowledge Test (TKT)

09.2013 – 06.2014

University of Cambridge

- Module 1: Background to Language Teaching
- Module 3: Classroom Management

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

Chat App

What is it: A WhatsApp-style chat app for mobile devices that allows to users to send messages to each other in a chat room. Users can select their name, background color, and then enter the chat room, where they can 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**

Pokedex App

What is it: An app that dynamically populates the page with Pokémon data from an API. The app allows you to search the list for a Pokémon by name, and when clicked on displays a modal box with the Pokémon's name, type, and an image. It is built using JavaScript, HTML and CSS with Bootstrap styling.

Built using: **HTML, Bootstrap CSS and JavaScript**

Link to page: https://marksav85.github.io/pokedex-app/

EXPERIENCE

Training Digital School   06.2022 - 05.2023
Berlitz Language School   Magdeburg, Germany

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

- *Quality Assurance*: Maintained high standards across 100+ weekly courses by providing vital support and addressing technical issues. Exhibited strong problem-solving skills and attention to detail, ensuring seamless learning experiences.

- *Customer Engagement*: Managed communication for a clientele of 700+ students, showcasing adeptness in handling logistics, and resolving concerns promptly. Cultivated strong interpersonal skills to foster positive customer relationships

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

Customer Service Representative   04.2021 - 05.2022
Berlitz Language School   Magdeburg, Germany

- *Customer Relationship Management*: Effectively managed client inquiries using multiple channels, including Salesforce, ensuring clear and professional communication. Showcased strong interpersonal and sales skills.

- *Operations Administration*: Coordinated on-site and online course schedules by facilitating communication between customers and teachers. Maintained customer records, orders and payments with keen attention to detail, demonstrating organizational and administrative expertise.

- *Quality Assurance and Support*: Managed pedagogical records and monitoring of course progress by providing comprehensive assistance to teachers, addressing scheduling challenges, invoicing, and course-related concerns. Fostered a supportive environment, highlighting skills in problem-solving and mentorship.

- *Accounting*: Conducted bookkeeping activities, handled customer accounts, processed contracts, and invoices. Ensured accuracy in monthly and yearly closings, maintaining compliance with organizational standards. Demonstrated strong financial acumen and attention to detail.

Programming Instructor 02.2021 – 06.2022

Berlitz Language School   Magdeburg, Germany

- *Online Programming Instruction*: Conducted dynamic programming courses (ages 7-18) in HTML/CSS, JavaScript, WordPress, React, MySQL, and PHP. 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.

English Language Instructor 09.2013 – 06.2022

Berlitz Language School   Magdeburg, Germany

- *Language Instruction*: Delivered English instruction (CEF A1 to C2 levels) to diverse students, using versatile methods in both traditional classrooms and online platforms. Demonstrated adaptability and digital communication proficiency.

- *Customized Learning Design*: Tailored course content for diverse student needs - primarily on specialised business English for specific industries. Showcased skills in personalized instruction and tailored curriculum design.

- *Proficiency Assessment and Support*: Conducted comprehensive proficiency tests, assessing students' written and spoken skills. Provided personalized guidance for standardized tests like TOEIC, ensuring student success. Demonstrated expertise in individualized assessment and mentorship.

- *Interactive Teaching*: Conducted engaging classes, fostering interactive learning in various settings (in-person, online). Used innovative methods to enhance student comprehension. Highlighted strong communication and facilitation skills.

South Yorkshire Police 09.2009 – 01.2013

Community Service Team Specialist   Sheffield, UK

- *Effective Communication and Reporting*: Communicated with the public through various channels, maintaining professionalism, handled sensitive information in compliance with the Data Protection Act and submitted regular reports, including Crime and National Intelligence Reports.

- *High-Pressure Workload*: Thrived in high-pressure situations, swiftly analyzing information, conducting risk assessments for officer deployments, and making appropriate decisions.

- *Empathy and Resilience*: Demonstrated empathy and respect for diverse individuals, showed resilience by handling difficult and hostile behaviors professionally.

- *System Administration and Training*: Administered the Resource Diary System for police officers and provided training on information retrieval from officers' portable devices.

- *Team Collaboration*: Collaborated closely within a team for efficient workload management and provided mentorship for new trainees and inexperienced team members.

Environment Agency 12.2008 – 09.2009

Flood Forecasting Advisor   Sheffield, UK

- Facilitated collaboration with Emergency Services, and cooperated across nationwide departments ensuring their registration on the database for timely access to advanced flood warnings.

- Proactively acquired contact information for institutions and businesses, registering them for the early flood warning service to enhance preparedness and monitored

registrations meticulously to uphold a superior level of customer satisfaction, consistently achieving and surpassing registration targets.

- Disseminated information on current weather warnings, enabling emergency services to effectively manage their risk.

- Maintained a comprehensive record of all completed tasks, utilizing a tracking system to ensure accountability and efficiency.