

Sacha Uijlen

Software Engineer (JavaScript, Typescript, React, Next.js)

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London, UK

Developer Portfolio: <https://sachauijlen.com/>

GitHub: <https://github.com/Sacha1995>

SOFTWARE ENGINEERING SKILLS

- **JavaScript:** ES6+, AJAX & API's - REST and GraphQL, Animation (Greensock), Graphing (d3.js) & Realtime (websockets and <http://socket.io/socket.io>), OAuth, Next.JS
 - **React:** hooks, context, Material UI, Redux, Redux Toolkit
 - **Testing:** TypeScript, Cypress, Vitest, Vite
 - **Node.js:** Vanilla & Express.
 - **Databases:** SQL - MySQL, NoSQL - MongoDB with Mongoose.js, Redis, Firebase, GraphCMS/Hygraph
 - **DevOps:** Docker & Kubernetes, Vercel (inc. CI/CD), serverless (inc. Netlify). cPanel, Apache, XAMPP
 - **CSS 3:** Responsive design, Flexbox & CSS Grid, SASS, CSS frameworks, and Tailwind
 - **HTML5:** Semantically correct for accessibility and SEO.
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PROFESSIONAL EXPERIENCE

Front-End Web Developer, [iOWNA](#), London

Aug 2024 - Present

- Short term contract with iOWNA, a digital platform for healthcare providers and patients.
- Leading the development of the user interface to improve engagement and useability.
- **Tech used:** Next.js, TypeScript, Tailwind, SASS

Various School Teacher roles

Feb 2017 – Dec 2023

- I am a fully qualified school teacher with 2 masters degrees
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KEY PROJECTS

Holidough: [Front-end](#) / [Back-end](#)

Tech Used: Front-end: React, React Cropper, React Webcam, Redux Toolkit with Persist, SASS, GSAP, Framer.Motion, Node JS, JavaScript, Chart JS, Axios, Joi, Day JS

Back-end: Express, mySQL, Joi, Axios

What it Does: HoliDough is a travel money management app to help plan your holiday budget, track expenses, split costs, and convert currencies.

What It Demonstrates: User signup and log in with authentication managed through token validation; accessing the device's camera to capture images; create trips and budget categories; expense logging, which is automatically converted and tracked against their total budget; data

visualisations with Chart JS; relational database management with MySQL; caching; performance-optimised currency-conversion API calls.

Ecommerce shop:

Tech Used: Redux toolkit, React, CSS, API-calling, JavaScript, HTML

What it Does: an eCommerce store where users can search for products, add or remove items from their cart, view the cart's contents, and see the total amount in their shopping cart.

What it Demonstrates: Using Redux Toolkit for efficient state management; creating users manipulations of the shopping cart's contents through various actions; JavaScript functions accurately calculate the cart total; the store's content is populated via an API call that retrieves data for (mock) products.

Disney classics:

Tech Used: React, API-calling, JavaScript, SASS, HTML, CSS.

What it Does: A website for Disney fans where users can play a game matching movie descriptions to titles, testing their knowledge of Disney classics. Users can track the Disney movies they've watched, want to watch, and loved, with each movie displaying information on ratings, storyline, and cover art. Additionally, users can rate movies from 1 to 5 stars.

What it Demonstrates: Use of React for dynamic content updates without reloading the entire page; an interactive game built using React and JavaScript; custom hooks allowing users to create personalised movie lists; information stored in the user's localStorage, enabling the site to remember their high scores and ratings when they revisit.

EDUCATION

The Jump Digital School

Sep 2023 - Dec 2023

- A 12-week full-time programme of Full-Stack Software Engineering Training
- Developed and deployed full-stack websites and web applications to a professional standard
- Delivered individual and team projects, remotely, including participation in a hackathon

Treehouse

Jul 2023 - May 2024

- Front-End Web Development Course (self paced) covering JavaScript, CSS, HTML, Debugging, Development best practices and more

University of Applied Sciences, Utrecht

Aug 2017 - Aug 2019

- Dual Master Degree, Master of Education, specialising in behaviour and learning

Fontys Higher School

Aug 2012 - July 2016

- BA in Education

ADDITIONAL INFORMATION

- I have the right to work in the UK and the European Union
- Immediately available for interview