

# Brian Richard Garton

## Frontend Developer

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[Linkedin](#) / [Github](#) / [Personal Website](#)

### Education

University of Applied Sciences, FH Aachen

Aachen, Germany

Bachelor of Engineering, Upper Second Class (2:1)

January 2023

**Relevant Courses:** • Informationstechnik I (Introduction to Computer Sciences)  
• Mess-, Steuer-, Regelungstechnik (Control Systems with MATLAB)

### Key Skills

- **Programming Languages:** JavaScript, basic Python, SQL
- **Markup languages:** HTML, CSS
- **Frameworks and Databases:** React, Node.js, Express, MySQL, Redux (toolkit), Tailwind CSS, Firebase, Three.js
- **Tools:** Git, Github, Visual Studio Code, Figma, VITE, Webpack
- **Soft Skills:** Communication and Teamwork, Strong Agility, Problem-Solving, Time-management, Agile Learner
- **Language Proficiency:** Thai, English, German, elementary French

### Project Experience

#### **Perfume E-Commerce Store** ([Github](#) / [Live](#))

Personal Project

- Designed and developed a fully functional e-commerce website for a perfume store using React and Material UI, ensuring a seamless and engaging user experience from product browsing to checkout.
- Implemented React Router for efficient navigation between pages and integrated Commerce.js, a headless CMS, to handle the product inventory, orders, and payment processing, ensuring secure and reliable transactions.
- Created a dynamic, responsive, and user-friendly interface, featuring intuitive search and filter functionalities, and product recommendations for a personalized and convenient shopping experience.

**Technologies used:** React, React Router, Commerce.js, Material UI, styled-components, React Hook Form

#### **Weather Forecast App** ([Github](#) / [Live](#))

Personal Project

- Developed a basic non-mobile responsive weather web app using React, allowing users to easily access up-to-date weather information for their location.
- Integrated various APIs from OpenWeatherMap services to gather real-time weather data, including temperature, humidity, and precipitation, to provide accurate and detailed forecasts.
- Implemented user-friendly features such as dynamic background images and easy-to-use navigation to enhance the user experience and improve engagement.

**Technologies used:** React, React Router, Open Weather Map API, Material UI, styled-components, Luxon 3

#### **Library CRUD App** ([Github](#) / [Live](#))

Personal Project

1. Developed a full-stack library application using React, Tailwind, and Firebase that allowed users to create, read, update, and delete library books, using Firebase's Realtime Database to store and retrieve data.
2. Implemented responsive and accessible user interfaces with Tailwind CSS, integrating React Router to enable smooth navigation and user interactions.

**Technologies used:** React, React Router, Tailwind.css, Firebase, React Hook Form, Material UI, react-toastify