

# Thomas Britton

Full Stack Developer

(React / Javascript / Java / Spring / Python / Django / PostgreSQL)

With over a year of experience as a full-stack developer, at CodeClan, Dufrain, and building personal projects. I have gained valuable skills in web development, data analysis, testing, and debugging using various technologies, such as React, Python, Java, Spring, Django, PostgreSQL, and MongoDB.

React - Spring is my go to combo, but I like a bit of Django for my servers too. I manage my states with Redux-Toolkit, and style my pages with Styled-Components.

## RELEVANT EXPERIENCE

**Full-Stack Developer - Dufrain** Jan 2023 - July 2023

Created a polished application using React, and a Django Server delivering a fully functional front-end, integrated seamlessly with Dufrain's database.

Implemented secure server authentication using JWT tokens, secured in the front-end using RTK query, with automatic re-auth.

Created a library of front-end components using Styled-Components, and ReCharts and state management using Redux-Toolkit.

Trained two analysts on the use of the developed tools and components.

## PROJECTS

### Rogue Bookings — Javascript/React/Java/SpringBoot

An all in one business management platform that handles a booking system, staff management such as rotas and customer management such as payments, reviews, and calendar.

Front-End Repo - <https://github.com/Grilo16/RogueBookingsClient>

Back-End Repo - <https://github.com/Grilo16/RogueBookingsServer>

Live project - <https://grilo16.github.io/RogueBookingsClient>

### Ducky's Revenge 3D — Javascript/React/React-Three-Fiber

A 3D shooter game with virtual game console and interactive buttons, all game assets were made using 3D Studio Max and console assets using figma and button animations using styled-components.

Game Repo - <https://github.com/Grilo16/client-duckys-revenge-3d>

Live project - <https://www.duckydomain.com>

### Ducky's Revenge — Javascript/React/Styled-Components

A React top down mini-game shooter with map creation capabilities.

Github Repo : <https://github.com/Grilo16/DuckysRevengeGitHost>

Live project : <https://grilo16.github.io/DuckysRevengeGitHost>

## CONTACT

[tom.jf.britton@gmail.com](mailto:tom.jf.britton@gmail.com)

(+44) 7402-921-531

Edinburgh

[www.tom-britton.com](http://www.tom-britton.com)

[github.com/grilo16](https://github.com/grilo16)

[linkedin.com/in/tom-jf-britton/](https://linkedin.com/in/tom-jf-britton/)

## SKILLS

### Programing Languages

JavaScript, Java, Python, HTML, CSS, SQL

### Libraries & Frameworks

React, Spring Boot, Django, Django-Rest-Framework, Express, Nodemon, Styled-Components, React-Three-Fiber, Redux-Toolkit

### Tools & Platforms

Git, GitHub, Azure, DBeaver, Insomnia, PostgreSQL, Figma, 3D Studio Max.

## EDUCATION

### CodeClan

Software-development Boot camp.

### Harvard-Edx Cs50

Introduction to Computer Science.

### Harvard-Edx Cs50P

Introduction to Programming with Python.

### Oxford Brookes University

Bachelor of Science in Biomedical Sciences.

## PERSONAL INTERESTS

Maths, Quantum Physics, Computer Science, motorcycles, ducks.