

Daniel Steele - Full Stack Developer

07516266940 | Dsteele1906@gmail.com | <https://www.linkedin.com/in/daniel-steele1> | <https://github.com/DanielSteele1>
<https://danielsteele.dev>

EDUCATION

University of Plymouth <i>Bachelor of Science in Computer Science</i>	Plymouth, UK Sept. 2021 – Jun. 2024
South Devon College <i>BTEC Extended Diploma in Computer Science</i>	Paignton, UK Sept. 2019 – July 2021
South Devon College <i>BTEC Diploma in Computer Science</i>	Paignton, UK Sept. 2018 – July 2019

EXPERIENCE

WordPress Developer - Short Work Experience <i>Falcon Digital</i> <ul style="list-style-type: none">Developed WordPress websites for local businesses across the south west.	Feb. 2022 – April 2022 Newton Abbot, UK
--	--

PROJECTS

Skycompass <i>MongoDB, ExpressJS, React, NodeJS, JavaScript, Figma</i> <ul style="list-style-type: none">Developed a full-stack web application to track weather patterns using OpenWeatherMap and Open-Meteo's free API's.Features include a multiple layers of data such as global precipitation, temperature levels and wind patterns.Users can focus in on any location on the planet to receive up-to-date weather data.Automatically updates once every three hours, with a core forecast feature to update every 15 minutes..	Dec 2023 – April 2024
Developer Portfolio <i>MongoDB, ExpressJS, React, NodeJS, JavaScript, MaterialUI, Git, Figma</i> <ul style="list-style-type: none">Developed a front-end web application to showcase my work online.Personal website, available at https://danielsteele.dev.Fully responsive with animation, hosted using GitHub pages.Features all projects mentioned, plus a select few extra.	May 2024
Earth Sim <i>C++, OpenGL, GLSL, ASSIMP, GLFW, GLAD, GLM</i> <ul style="list-style-type: none">Developed by me for my game development class..The goal was to create a simulation of the solar system..It consists of models of the earth and moon rotating around each other in a 3D environment.Full camera controls are also implemented, along with a satellite for aesthetics.	November 2023 - January 2024
TravelTracker.io <i>MongoDB, ExpressJS, React, NodeJS, JavaScript, Git, Figma, MaterialUI</i> <ul style="list-style-type: none">Developed a full stack web application for users to track their holiday memories.Users interact with a 3D map interface to track holiday destinations.Features include ability to add photos and descriptions of each trip, a photo book, holiday suggestions and the ability to share data with family and friends.Accounts fully implemented, with data being stored using MongoDB and encrypted with Bcrypt hashing..	Ongoing Project
Knights Adventure - Dungeon Crawler CMD game <i>C++</i> <ul style="list-style-type: none">Developed by me for my game development class.Knights adventure is a command line game I created, featuring rooms, treasures and secrets. There is only one real route to the end, but a plethora of ways to lose health and die.This project was built to practice my core C++ skills.It also features a shop, and a gold collection system.	September 2023 - December 2023

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, C/C++, OpenGL, SQL, MongoDB
Frameworks: : React, NodeJS, ExpressJS, WordPress
Developer Tools: : Git, VS Code, Visual Studio, Figma
Libraries: : MaterialUI, LeafletJS, Mapbox API, Bcrypt encryption