Daniel Steele - Frontend Developer

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

EDUCATION

Plymouth University   Plymouth, UK
Bachelor of Science (Hons) in Computer Science   *Sept. 2021 – Jul. 2024*

EXPERIENCE

WordPress Developer Intern   Feb. 2023 – April 2023
Falcon Digital   *Newton Abbot, UK*
- Developed and maintained WordPress websites for local businesses, enhancing online presence and user engagement.
- Collaborated with clients to gather requirements and provide customized website solutions.
- Implemented SEO best practices and responsive design to optimize site performance.

PROJECTS

Trello Style Kanban Board | *Technologies: TypeScript, React, LocalStorage, Vite, Git, Figma*
- Built a feature-rich Kanban Board with drag-and-drop reordering, multi-board support, and Local-storage persistence.
- Integrated React-router for dynamic routing between boards.
- Optimized performance for fast load times and mobile responsiveness, ensuring accessibility across all devices.
- Deployed publicly on Vercel and actively iterating with UI/UX improvements.

FocusDev (Project Management Application) | *Technologies: JavaScript, React, NodeJS, MongoDB, Git, Figma*
- Developed a productivity tool for developers, featuring notes, a calendar, quick-links, upcoming events, GitHub statistics, a reusable code snippet tool with more in the works.
- Developed authentication and user account functionality using MongoDB.

Developer Portfolio (Personal Website) | *Technologies: TypeScript, React, Vite, Git, Figma*
- Designed and built a modern, visually engaging portfolio website to showcase front-end development skills and projects.
- Re-engineered the site with TypeScript, React, and Vite to improve performance, maintainability, and modular code structure.
- Achieved 1.1k+ monthly visitors through effective SEO optimization and clean metadata practices.
- Implemented smooth animations, interactive UI components, and dynamic content loading to enhance user experience.
- Hosted via Vercel on a custom domain with ongoing enhancements.

SkyCompass (Full Stack Web Application) | *Technologies: JavaScript, NodeJS, MongoDB, Git, Figma*
- Built a weather tracking web application integrating OpenWeatherMap and Open-Meteo APIs.
- Displayed multi-layered weather data, including precipitation, temperature, and wind patterns.
- Enabled real-time data updates and interactive location-based weather forecasts.

Earth Sim | *C++, OpenGL, GLSL*
- Designed and implemented realistic Earth and Moon models, complete with rotational dynamics and orbital motion in a fully 3D environment.
- Used OpenGL and GLSL for rendering, with ASSIMP for model loading and GLM for movement and animation of the scene.
- Programmed custom camera controls for exploration of the simulation.

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, TypeScript, C/C++, OpenGL, SQL, MongoDB
Frameworks & Libraries: React, Node.js, Express.js, WordPress, Material-UI, ShadCn, React-DnD, WebGL, LocalStorage, LeafletJS, Mapbox API
Developer Tools: Git, GitHub, Vite, Vercel, VS Code, Visual Studio, Figma
Other Skills: Front-End Development, Full-Stack Development, Interactive UI/UX Design, REST API Integration, Responsive web design, SEO Optimization, Authentication & Security (Bcrypt), Deployment (Vercel)