

Philip Schultz

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SUMMARY

Front-End Engineer eager to build responsive, user-focused web applications. Skilled in translating designs into functional interfaces, creating interactive components, and learning best practices for performance, accessibility, and usability. Passionate about crafting intuitive digital experiences and growing as a developer, with the goal of becoming a full stack Engineer.

SKILLS

Responsive Web Design • Accessibility • User Experience (UX) • Design Systems & UI Component Libraries • React.js • Next.js • React Native • Typescript • Node.js • CSS3 • HTML5 • TailwindCSS • RESTful APIs • GraphQL • Figma • HTTPS • Version Control (Git, GitHub)

PERSONAL EXPERIENCE

Borrowing Calculator

- Developed a step-based Borrowing Calculator using React, TypeScript, and Vite.
- Designed reusable components with currency formatting and validation.
- Utilised the React Context API with useMemo to efficiently manage global state and reduce re-renders.
- Implemented calculation and form reset functionality to deliver a complete user experience.

Portfolio website

- Developed a fully responsive personal portfolio leveraging Next.js and React, optimising for performance and SEO.
- Implemented Server-Side Rendering (SSR), pre rendered HTML separated from responsive components.
- Developed a smooth pre-loader and page transitions for improved perceived load speed and UX.
- Explored GSAP and Locomotive Scroll to create interactive animations and smooth scrolling, enhancing user experience.
- Experimented with fluid layouts using Tailwind CSS, applying modern design patterns.

Specialized / Ecommerce Website

- Modeled Shopify's data structure for a TypeScript frontend, ensuring type-safe and consistent data flow.
- Built a client-side rendered e-commerce app with React Router v7 and Vite, optimising interactions and page transitions.
- Used TanStack Query to handle data fetching, caching, and loading states, improving performance and user experience.
- Implemented cart state with Zustand, including localStorage persistence for seamless user experience.
- Designed mobile-first, responsive layouts with Tailwind CSS for consistent UI across devices.
- Integrated Stripe Payment API for seamless transaction processing.

Game-Hub / Game Database

- A gaming discovery platform inspired by RAWG.
 - Built a front-end web application that integrates the RAWG API to fetch and display real-time game data, including genres and platforms.
 - Implemented client-side routing using React Router to support smooth navigation between views.
 - Developed a responsive user interface with Chakra UI, using reusable components for filtering, sorting, and browsing content.
 - Improved user experience during data loading by implementing skeleton screens and spinners.
 - Used TanStack Query for data fetching and caching, helping manage loading, error, and background update states efficiently.
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EDUCATION

High School

Coornhert Lyceum • Haarlem, The Netherlands • 2016
