Pierre Charles

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PROFILE

A multi-disciplined front-end developer with extensive experience delivering innovative, user-friendly and accessible web solutions. With a passion for UX/UI design and a deep understanding of front-end technologies, I have successfully delivered projects for a diverse range of industries including pet insurance, energy providers, security, and travel/tourism. Seeking a challenging role that offers growth opportunities and the chance to make a meaningful impact where I can bring my technical expertise and creative vision to contribute to the success of a dynamic organisation.

EDUCATION

First-Class Honours - BSc Computer Science with a Year in Industry

University of Kent - Canterbury, Kent

September 2016 – June 2020

TECHNICAL SKILLS

- TypeScript
- JavaScript
- Vue.js
- Pinia
- Vuex
- React.js
- Redux
- Node.js
- Next.js
- Express.js
- Sass
- Firebase

PROFESSIONAL EXPERIENCES

Frontend Developer

ManyPets – Farringdon, London

August 2022 – Present

- Worked on a vet portal application previously managed by external consultants
- Migrated the application from Vue 2 to Vue 3, transitioning from the Options API to the Composition API
- Implemented state management using Pinia and VueUse for persistent storage
- Designed reusable, accessible components and achieved optimal Lighthouse scores
- Expanded the in-house component library with Storybook
- Maintained and enhanced admin and client views while adding feature flagging
- Introduced comprehensive unit, component and system tests to an application that had 0% coverage
- Communicated with users to gather feedback and continually improve the application's UI
- Integrated linting and other tools to maintain code efficiency and best coding practices
- Maintained backend code built with Node.js and AWS Amplify
- Utilized Sentry for error tracking, alerting, and monitoring
- Monitored backend logs with Cloudwatch, addressing errors and failures during investigations
- Tracked and analysed user behaviour with Heap.io to identify areas for improvement and optimize the application's performance

Developer
MoneySupermarket/Decision Tech – Tottenham Court Road, London
June 2021 – August 2022

- Developed B2B and B2C applications with a focus on Typescript, Vue.js and Vuex
- Successfully transformed a B2C SPA (MoneySavingExpert) into a white-label platform while preserving consistency and accessibility
- Implemented features that underwent A/B testing using Optimizely to drive better metrics and improve conversion
- Conducted comprehensive testing of components and stores through Jest unit tests, reducing errors and covering all use cases
- Conducted code reviews, provided suggestions, and identified areas for improvement in pull requests.
- Worked collaboratively in a team of frontend and backend engineers, adhering to Agile methodologies
- Utilized Postman to test and comprehend backend endpoints for implementation in frontend projects

Software Engineer
Garrison Technology Ltd – Waterloo, London
July 2020 – June 2021

- Developed multiple front-end applications using React and Redux, providing a seamless user experience.
- Collaborated with the backend teams to ensure seamless communication between the front-end and Python API.
- Played a key role in UX/UI decision making and designed customer-facing applications with accessibility in mind.
- Utilized Storybook to establish an internal library for efficient use of UI components across multiple front-end platforms.
- Implemented and reviewed comprehensive end-to-end testing using Cypress and Puppeteer to validate new features and components.
- Established pipelines using GitLab CI to monitor and test all environments, ensuring the reliability of code changes.
- Provided mentorship to new starters and placement students, imparting essential front-end web development skills and knowledge.

Front-End Engineer (Industrial Placement Year)
Holiday Extras Ltd – Hythe, Kent
July 2018 – August 2019

- Experienced in working within an Agile environment, collaborating with cross-functional teams including engineers, content writers, testers, and agile coaches.
- Developed new features on the Holiday Extras website by utilizing JavaScript and implementing libraries such as ReactJS, NodeJS, Backbone, Moment, and Lottie.
- Demonstrated strong code review skills and ensured comprehensive unit tests were written for all delivered work.
- Employed GitHub as the version control system, submitting and reviewing code daily.
- Played a key role in UX/UI decision making and executed redesigns of multiple sections of the website.
- Guaranteed cross-browser compatibility, ensuring that all features were supported on Chrome, Safari, Firefox, and Internet Explorer.

REFERENCES
Available upon request