Pierre Charles

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PROFILE

A multi-disciplined software engineer experienced in Vue, Vuex, React, Redux, Node.js with strong interests in front-end web development and a passion for UX/UI. Expansive knowledge of different technologies and tools attained through personal and professional projects. With experiences from working at security as well as travel/tourism-based companies, I am now looking to expand my technical and professional skillsets in a new environment and contribute to a company that offers both challenging work and rewarding opportunities.

PROFESSIONAL EXPERIENCES

Developer
Decision Technologies – Tottenham Court Road, London
June 2021 – Present

- Working on B2B and B2C applications using Typescript, Vue.js and Vuex for state management
- Migrating a B2C SPA (MoneySavingExpert) into a white-label platform while maintaining consistency and accessibility
- Creating features that have been A/B tested using Optimizely with the hope to produce better metrics and improve conversion throughout the website
- Writing unit tests using Jest to thoroughly test components and stores to ensure that every possible use case have been met and minimise errors
- Reviewing pull requests while also making suggestions and finding room for improvement where appropriate
- Working in a diverse team of frontend and backend engineers following a strict Kanban approach
- Using Postman to test and understand endpoints that the backend team have worked on to use them in frontend tickets

Software Engineer
Garrison Technology Ltd – Waterloo, London
July 2020 – Present

- Working on multiple front-end applications using ReactJS and Redux for state management
- Liaising with backend teams to ensure that all actions and events made on the front-end successfully communicate with a Python API
- Working in an Agile environment formed of hardware, firmware, DevOps, customer success engineers, marketing specialists and sales representatives
- Contributing to UX/UI decisions and creating designs with a focus on accessibility for customer-facing applications
- Using Storybook to create an internal library for importing and using UI components in many front-end platforms
- Writing and reviewing end-to-end tests using Cypress and Puppeteer to enforce rigorous testing on newly added features and components
- Creating pipelines using GitLab CI to ensure that all environments are monitored and tested when new code changes take place
- Liaising with customer success engineers to identify and improve user interfaces
- Working on projects that have tight deadlines whilst also ensuring that all work was to a high standard
- Coaching new starters and placement students, teaching the fundamentals of front-end web development

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

- Worked in an Agile environment in teams formed of engineers, content writers, testers and agile coaches
- Created new features on the Holiday Extras website by learning JavaScript and making use of many libraries such as ReactJS, NodeJS, Backbone, Moment, Lottie etc.
- Wrote and reviewed other engineers' code while also ensuring unit tests were written for all work being delivered
- Used GitHub as version control to submit and review code daily
- Contributed to UX/UI decisions as well as redesigning multiple sections of the website
- Ensured features supported browsers such as Chrome, Safari, Firefox and especially Internet Explorer
- Led meetings such as Sprint Planning, Retrospectives, Demos to stakeholders while communicating clearly and effectively to teams and board members
- Worked on projects that had strict deadlines, ensuring all work met deadlines and were to a high standard

EDUCATION

First-Class Honours - BSc Computer Science with a Year in Industry
University of Kent - Canterbury, Kent
September 2016 – June 2020

Web Development	Algorithms, Correctness and Efficiency
Software Engineering	Operating Systems and Architecture
Internet of Things	Functional and Concurrent Programming
Computational Creativity	Computer Networks and Communication
Further Object-Oriented Programming	Database Systems

St Joseph's College
Beulah Hill - London
September 2008 – June 2015

A-levels: Photography, Mathematics, Information Systems, French

GCSE: 10 GCSEs (A*-C) including Mathematics, English, English Literature and Science

TECHNICAL AND OTHER SKILLS

- TypeScript
- JavaScript
- Vue.js
- Vuex
- React.js
- Redux
- Node.js
- Next.js
- Express.js
- Sass
- Firebase
- Cypress
- Gitlab CI
- HTML5 / CSS3
- Bootstrap

REFERENCES
Available upon request