Kaushala **Davidson**

FRONTEND DEVELOPER

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Skills

Software Experience	React, Typescript, SASS, GraphQL, ReactNative, Java, Python, Bash, CMS (StoryBlok)
Other Skills	Critical Thinking, Project Planning and Strategies, Regular Expressions, GIT, Documentation and Technical Writing

Experience

Blow LTD

FRONTEND DEVELOPER   *Jun. 2022 - Now*

- firebase chat system
- surge view
- initiate chats ui
- (React) Built features for and maintained a customer-facing multi-page website serving over 100,000 unique visitors per month
- Converting project to ts
- (AWS) secretsmanager + cognito + amplify Graphql + terraform
- React Native

Upwork

FREELANCE DEVELOPER   *Jun. 2019 - Now*

- (React) Built a customer-facing multi-page website serving over 100,000 unique visitors per month
- (HTML, CSS, JavaScript) Implemented new responsive UI approach in websites and landing pages, increasing client traffic by 15% on average
- (Python) Reduced the runtime of a data aggregation script by more than 50% for a sports betting site to be run daily

Fiverr

FREELANCE DEVELOPER   *Jun. 2020 - Now*

- (Java) Produced Minecraft mods to various client specifications using the Forge API

Projects

OnTheGo - Bus/Train Times App   *Available on Github*

JAVASCRIPT, TFL API, LEAFLET, CARTOCDN

- A web app for viewing TFL departure times using Leaflet for displaying the map and CartoCDN as a tileserver
- Dynamic UI updates are done using JavaScript
- Asynchronous functions is used to load API data in the background

Peditious - Typing Speed Test   *Available on Github*

REACT, LOCALSTORAGEM JSON

- Typing speed test app made using React that uses localStorage to store and display highscores
- Dynamic text highlighting and progression using React hooks
- Sleek UI design inspired by user design on Dribbble

Ciphers - Vigenere-Vernam Cipher Visualisations   *Available on Github*

REACT, SEMANTICUI, ALGORITHMS

- Educational Vigenere-Vernam cipher visualisations made using ReactJS and SemanticUI
- React hooks are used for continuous UI updates during the encryption/decryption process
- UI is loaded with default values for quick start, making for a better user experience
- Two visualisations are available to account for different learners

BoostedBoards Site Recreation   *Available on Github*

HTML, CSS, JS

- A recreation of the Boosted Board website homepage made using pure HTML, CSS and JS, created as an exercise in building UI to specification

Boid Simulator   *Available on Github*

REACT, ALGORITHMS

- Simulates the behaviour of boids using the rules of cohesion, separation and alignment
- Utilises a class structure to internally manipulate each boid as well as the canvas