AMMARRANEEZ

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ABOUT ME

**Short Description** Full Stack and Data Science Enthusiast, with a strong passion in learning Web related technologies; easy to communicate with, and a great team leader and player. Dependable and trained to work in high-stress environments, seeking to leverage creativity and analytical thinking to help your company with it’s upcoming challenges.

**Technical Skills** Git/GitHub, React/Reactstrap/Material-UI, React-Native, HTML(5), CSS(3)/LESS/SASS, JavaScript, NodeJS/Express, Bootstrap, Materialize, Python/TensorFlow, Java/JavaFX, MySQL, NoSQL.

**Languages** English, Conversational Proficiency in Sinhala, Conversational Proficiency in Tamil. **Interests** Web Design, Full-stack Development, and Data Science enthusiast.

***Portfolio*** *https://development-portfolio-382f4.firebaseapp.com/*

PERSONAL PROJECTS

**Covid-19 Live World Tracker** (June 2020 – July 2020)

[*https://covid-graph-tracker.firebaseapp.com/*](https://covid-graph-tracker.firebaseapp.com/)

* Wrote a covid-19 tracker, using React, ChartJS, LeafletJS, Google Maps and External API’s.
* Acquired code organization skills by modularization and using ES6+ syntax
* Deepened understanding in React functional and class components, hooks and lifecycle methods.
* Learnt how API’s, libraries and Firebase hosting are used.

**Trailerz Hub** (July 2020 – August 2020)

[*https://trailerz-hub-101.firebaseapp.com/*](https://trailerz-hub-101.firebaseapp.com/)

* Wrote a movie trailer streaming app using React, React axios and movie API’s.
* Learnt how to implement requests to API’s using React axios.

**Hit-Me-Up** (August 2020 – September 2020)

[*http://hitmeup-e7a8d.firebaseapp.com/*](%20http://hitmeup-e7a8d.firebaseapp.com/)

* Wrote an aesthetic messaging app, using Slack as an inspiration, using React, Context API, and firebase User Authentication.
* Deepened understanding in React functional and class components, hooks and lifecycle methods.
* Learnt how to validate users, using Firebase Google Authentication.
* Used external React API’s.

**Personal Portfolio Blog** (June 2020 – current)

[*https://mysterious-escarpment-41897.herokuapp.com/*](https://mysterious-escarpment-41897.herokuapp.com/)

* Wrote a Personal Blogging Application with CRUD and admin login functionality, using JavaScript, NodeJS, Firebase and Heroku.
* Learnt how to implement CRUD functionality using NodeJS, building a REST API.
* Learnt hosting via Heroku.
* Learnt how to validate admin access (to be able to add/ update/ delete a post) with custom Username and Password using Firebase Authentication.
* Learnt how various Node modules are used.

**Dummyzon, an Amazon Product Showcase + price tracker** (July 2020 – August 2020)

[*https://dummyzon-c93d1.firebaseapp.com/*](https://dummyzon-c93d1.firebaseapp.com/)

* Wrote an Amazon price tracker using python and selenium web driver to get data of a given product within a given price range.
* Wrote an Amazon clone, displaying the data obtained through the price tracker, with full user-authentication and personal shopping carts, using Firebase, React, Reactstrap and the React-Context-API.
* Learnt React-Context-API to avoid prop drilling; learnt how firebase authentication and firestore database can be used to hold data of each customer.

EDUCATION

**Informatics Institute of Technology**  (2019-present)

* Bachelors of Science in Computer Science.
* Cumulative Average: 87%

**Royal Institute International School** (2004-2019)

* AL 2019 – Mathematics: 3A’s

COMPETITIONS

**Code Rally Competition** Rank: 2/70 (March 8 2020)

[*https://www.hackerrank.com/contests/coderally/leaderboard*](https://www.hackerrank.com/contests/coderally/leaderboard)

* Code Rally competition held by Informatics Institute of Technology through HackerRank.
* Acquired deep experience in problem solving.

**Additional**

* Full-Stack Web Development with React by The Hong Kong University of Science and Technology on Coursera. Certificate earned at August 7, 2020.
* Deep Learning by deeplearning.ai on Coursera. Certificate earned at September 2, 2020.
* Java Programming and Software Engineering Fundamentals by Duke University on Coursera. Certificate earned at July 13, 2020.
* Object oriented Programming in Java by University of California San Diego & Duke University on Coursera. Certificate earned at July 16, 2020.
* Web Design for Everybody: Basics of Web Development & Coding by University of Michigan on Coursera. Certificate earned at June 30, 2020.