

# AMMAR RANEEZ

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## ABOUT ME

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**Short Description** Full Stack and Data Science Enthusiast, with a strong passion in learning Web and AI 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 its upcoming challenges.

**Technical Skills** Git/GitHub, React, Angular, React-Native, Flutter, HTML(5), CSS(3)/LESS/SASS, JavaScript, NodeJS/Express, Python/TensorFlow/Sci-kit Learn, Java/JavaFX, MySQL, NoSQL.

**Languages** English, Conversational Proficiency in Sinhala, Conversational Proficiency in Tamil.

**Interests** Full-stack Development, AI, and Data Science.

**Portfolio** <https://development-portfolio-382f4.firebaseio.com/>

## PERSONAL PROJECTS

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### Premier League Manager

(November 2020 – January 2021)

<https://github.com/Ammar-Raneez/OOP-COURSEWORK>

- Wrote a premier league manager interface, for Object Oriented Programming Coursework, using Angular, TypeScript, Java, and Play Framework.
- Learnt how to build up a fully functional Full Stack CRUD application.
- Learnt how communications with a created server API endpoint and client are configured.
- Learnt various OOP concepts.

### Moosique Share

(November 2020 – December 2020)

<https://moosique-share.firebaseio.com/>

- Wrote a music sharing application where music from SoundCloud and YouTube can be played, using React, ReactPlayer, GraphQL with Hasura through Apollo, and Material-UI
- Learnt how GraphQL can be used as an intermediary between a database and an application, allowing easy querying of data.
- Learnt the usage of Material-UI to create easy yet beautiful user interfaces.

### Covid-19 Live World Tracker

(June 2020 – July 2020)

<https://covid-graph-tracker.firebaseio.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.firebaseio.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.firebaseio.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/>

- 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-cb839.firebaseio.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

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### Informatics Institute of Technology

(2019-present)

- Bachelor of Science in Computer Science.
- Cumulative Average: 87%

### Royal Institute International School

(2004-2019)

- AL 2019 – Mathematics: 3A's

## COMPETITIONS

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### Code Rally 2

Rank: 1/120 (December 22 2020)

<https://www.hackerrank.com/contests/coderally2/leaderboard>

### PyHack

Rank: 4/120 (January 2021)

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

### Code Rally

Rank: 2/70 (March 8 2020)

<https://www.hackerrank.com/contests/coderally/leaderboard>

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

### Datathon

(October 2020 – January 2021)

- Ranked within the final 10 teams in Sri Lanka.

## ADDITIONAL CERTIFICATIONS

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- AWS Fundamentals by Amazon Web Services on Coursera. Certificate earned at October 11, 2020
- Deep Learning.AI TensorFlow Developer by Deep Learning.AI on Coursera. Certificate earned at September 25, 2020
- Mathematics for Machine Learning by Imperial College London on Coursera. Certificate earned at September 12, 2020
- 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.