

Amaar Esufally

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PROJECTS

Invoke - A SoundCloud clone built with Rails using React/Redux

[Live](#) | [Github](#)

- Created custom song play-bar using handcrafted algorithms that carry out CSS width transitions based on audio playback time, whilst affording click and drag functionality
- Modified the React-Wavesurfer package attaining control of waveform playback position via AJAX requests and React internal state, seamlessly integrating on-screen waveforms & audio playback.
- Engineered custom RESTful routes, optimising data-load efficiency.
- Allows for full Song CRUD using a PostgreSQL database & storing uploads on AWS S3.

Slipstream - Arcade style infinite platformer JavaScript Game built on HTML5 Canvas

[Live](#) | [Github](#)

- Implemented pixel level collision detection, alongside a handcrafted double-jumping algorithm.
- Built an infinite play algorithm that incorporates random object generation and scaling difficulty.
- Engineered a dynamically updating real time leaderboard using Google Firebase and document cookies.

GrabJS - JavaScript Based DOM manipulation library inspired by JQuery

[Live](#) | [Github](#)

- Applied native DOM API to allow for DOM manipulation and traversal, event handling and AJAX requests

SKILLS

Ruby on Rails
HTML/CSS

JavaScript
AWS/Firebase

Ruby
jQuery

React.js
SQL

Flux
Git

EXPERIENCE

Sri Lankan Permanent Mission to the United Nations • Intern • Oct 2016 - Apr 2017

- Attended official meetings of the United Nations on behalf of Sri Lanka, primarily in the fields of Disarmament, and Economic and Social Issues (DISEC and ECOFIN).
- Created reports on the aforementioned meetings, which were sent back to the Sri Lankan government. These reports contributed to Sri Lanka's stance on included issues.
- Gained vital experience speaking and negotiating with prominent international figures.

Deutsche Bank, 3M, Dialog Axiata, MAS Holdings • Intern • Jun 2015 - Aug 2015

- Performed Excel analysis to calculate the optimal composition of a sewing team, using over 5,000,000 pieces of data, 50+ variables, and 180 different spreadsheets.
- Integrated a predictive-contribution model as Sponsorship Director for our CSR project, raising over LKR 3 Million.

EDUCATION

App Academy • May 2017

- Web development bootcamp with a 1000-hour curriculum and <3% acceptance rate

The London School of Economics and Political Science • 2:1 Honors • 2013-2016

- Founder of the LSE Sri Lankan Society
- Director of LSE Model United Nations, led team to attaining the highest rank in the UK.