Amaar **Esufally**

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PROJECTS

**Invoke -** A SoundCloud clone built with Rails using React/Redux [Live](http://invoke-.herokuapp.com) | [Github](https://github.com/pumzy/Invoke)

• Built algorithm utilising both CSS width transitions based on audio playback time, as well as HTML5 audio event handlers, allowing for the creation of a custom song playbar, with both click and drag functionality.

• Modified the React-Wavesurfer package attaining control of waveform playback position via AJAX requests and React internal state, affording seamless integration of 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](http://amaar.me/Slipstream) | [Github](http://pumzy.github.io/Slipstream)

• 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](http://amaar.me/Snake-GrabJS-Demo/) | [Github](http://github.com/pumzy/GrabJS)

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

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| SKILLS | Ruby on Rails JavaScript Ruby React.js Flux  HTML/CSS AWS/Firebase jQuery SQL Git |

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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.

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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 team in the UK.