

Mithun Selvaratnam

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TECHNOLOGIES

Proficient: Javascript, React, Redux, Node, Express, SQL, Sequelize, Mocha, HTML, CSS/SASS, AJAX, Git, Web Audio

Comfortable: Ruby, Rails, Firebase

Learning: C, C++, Angular

PROJECTS

Saturn | saturn-synth.com

In-browser music production suite, consisting of a drum sequencer, customizable synth with MIDI functionality, and recording/exporting .wav files of loops

Built With: React + Redux, Firebase, Web Audio, Tone.js, SASS

88 Keys | eighty-eight-keys.herokuapp.com

A gamified music education app aimed at beginners, teaching them how to play the piano, understand music theory, and read staff notation. Features external MIDI controller compatibility for rhythm-based games.

Built With: React + Redux, Web MIDI, Vexflow

EXPERIENCE

Fullstack Academy of Code, *Teaching Fellow*

Dec 2016 - PRESENT

Assisted in teaching cohort of 40 full-time programming students in JavaScript and web development; mentored a group of 5 students closely

Debugged issues in the company's Learndot codebase, used to administer curriculum, log attendance, and keep student records

Blueprint LSAT Preparation, *DC/NYC Instructor*

May 2014 - PRESENT

Taught a 96-hour LSAT preparation course to cohorts of 20-30 students; tutored individual students from 10-20 hours/week, meet individually with tailored lesson plans; scored 99th percentile on LSAT

Good Shepherd College, Batticaloa, Sri Lanka – *English Teacher*

July 2013 - December 2013

Developed and taught a curriculum drawing from existing pedagogy and personal research, engaged students with spelling bees, drama performances, fiction writing, literature

EDUCATION

Fullstack Academy of Code,
Manhattan, N.Y. Software
Development Immersive, Sept
2016 - Dec 2016

George Washington
University, D.C. – B.A.
English, 3.74 GPA, Dean's
List, August 2010 - May
2013

Stuyvesant High School,
Manhattan, N.Y. Class of
2009

SKILLS

Audio Production:
composition, recording,
mixing, Logic Pro, Ableton,
Web Audio, Tone.js

Writing: editing (content &
grammar), fact-checking,
composition

Teaching: curriculum
development, public
speaking, mentorship

LANGUAGES

Tamil, Spanish