

Sai Kandala

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Website: www.saikandala.com | Github: www.github.com/saik212 | LinkedIn: www.linkedin.com/in/saikandala

Projects

Songstorm (Ruby on Rails, Backbone.js)

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

- Music sharing application
- RESTful Rails API + PostgreSQL to manage back-end data
- Music player allows site navigation without interrupting playback

jQuery Plugins (jQuery, Javascript)

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

- Implementation of different visual effects on web page
- Written in Object-Oriented manner for easy application on page elements

Space Invaders (JavaScript, HTML5 Canvas)

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

- Modular JavaScript to organize and DRY up code

Active Record Lite (Ruby)

[Github](#)

- Object Relational Mapper (ORM) inspired by Active Record
- Prevents SQL injection attacks by escaping harmful queries

Skills

Ruby, Ruby on Rails, JavaScript, Backbone.js, Node.js, Parse, React.js, jQuery, SQL, PostgreSQL, MSSQL, Git, HTML, CSS, RSpec, TDD, ASP.NET, C#.NET, VB.NET, IIS

Education

App Academy

Web Development, Oct 2014 - June 2014

- Full-stack development course with less than 5% acceptance rate

Rutgers University

Bachelor's: Physics, Philosophy, Minor: French

September 2008 - May 2013

- **Relevant Coursework:** Calculus up to Differential Equations, Applied Symbolic Logic, Modal Logic, Linear Algebra

Work History

WorkWave - Full-Stack Software Engineer

September 2015 - August 2017

- Developed for and maintained proprietary software
- Managed software environments on both AWS and self-hosted servers

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- Completed several data mods for customer databases using MS SQL Server
- Converted custom code modifications from older to newer platforms

Cambridge Educational Center - Mathematics/Physics Tutor

April 2014 - September 2015

- Designed and taught curricula for Mathematics and Physics
- Help students raise scores 200 points on average on SAT

Robert Wood Johnson Medical Hospital - Physics Assistant

September 2012 - September 2013

- Conducted diagnostic and preparation tests on IGRT machines for patients
- Learned modern techniques and practices in Medical Physics