Rasa Ichimori

Web Developer

www.rasaichimori.com

CONTACT

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EXPERIENCE

Nomuyo – *Full Stack Web Developer*

Jan 2022 - Present

- Built the website from the ground up and managed the front and back-end development. I was working on this full stack project alone.
- This website included APIs, payments with ecwid, forms, and other server-side programming in addition to user-friendly and interactive front-end development and design.

Brigham Young University – *Full Stack Web Developer* (housing.byu.edu)

Dec 2022 - Present

- Managed BYU student housing records with a team to deliver a smooth housing contracting service experience for students planning on living at on-campus housing.
- Worked on both front-end and back-end development for several applications for tasks like listing contracts, selecting a roommate etc. through communication with BYU's student databases.

Learning Through Robotics, UT - *Web and Curriculum Developer*

Feb 2017 - Oct 2018

- Created templates for teachers to use to teach young students (age 6-17) about STEM concepts through hands-on robotics equipment.
- Collaborated with teachers as a trainer and team leader to deliver the most engaging engineering experience for the students.

PROJECTS

koipond – (koipond.ink)

- A pure Javascript website that allowed users to interact with other users in real time as koi fish. Utilized technologies such as socket.io, Node.js, and the Web Audio API.

Music Visualizer – (rasaichimori.com/projects/musicvisual)

- A fully customizable music visualizer that reacts to a spectrum of frequencies to create visual representations of songs. Users can upload their own songs and backgrounds.

Particle Simulator – (rasaichimori.com/projects/particlefun)

- A physics simulator that displays molecular particle interactions using a physics engine that I made from scratch. Users can control the gravity, attraction, repulsion etc. to see particle connections.

Music Terrain – (rasaichimori.com/projects/musicterrain)

- A music visualizer creates unique terrain based on the audio frequency of the track. Makes use of the Audius API so that it always displays my most current tracks.

SKILLS

HTML / CSS / JavaScript
ASP.NET, Oracle
jQuery, React, Three.js
Node.js
C++ , C#
Python
R, SQL, Excel, Tableau
Ableton Live
Adobe Creative Suite

EDUCATION

BYU Marriott School of Business - *BS in Entrepreneurial Management*

GPA: 3.86

August 2019 - April 2024

AWARDS – (music)

- 1st place - Audiotool Day 2020 (Best Original Track)
- 1st place - 303 Day Contest (Most Creative Use of TR-303)
- 2nd place - 909 Day Contest
- 4th place - Audiotool Day 2019
- 3rd place - Chrysalis by Underbelly & Exit K Remix Competition $300 cash prize

GROUPS

Crocker Innovation Fellowship

Was one of 30 students were selected out of 200 applicants to work in an interdisciplinary team of students to innovate and launch a successful business from start to finish. Accumulated over $10k in funding for the startup

Jan 2023 - Dec 2023

HOBBIES

My Artist name is rai. and I've produced over 80 Songs with over 400K plays across music platforms. I love playing the drums, guitar, and piano. I also love skate boarding and drawing in my free time.