

RS

Robert Sheffield

Professional Summary

Creative Full-stack Developer with background in building and implementing functional applications with CI/CD. Excellent problem-solving skills with keen eye for detail. Outstanding knowledge of coding frameworks React and Node.

Work History

R.sheffield Tutoring - Software Engineer

Seattle, WA

09/2020 - Current

- Built landing page for Sheffield-Tutoring using: **React, HTML, CSS**
- Reduced time for data-entry by 70% by building custom data-entry software for the tutors to use. Built using **Next.js** and **Redis**

Freelance Projects

2D Scrolling Platformer

March 2022

- Programmed custom 2D game requested by a tutoring client for additional practice
- The platformer included power ups, enemy ai, and level designer
- Built using Python's **Ursina Engine**

Minecraft Clone (in progress)

June 2022

- Programmed custom 3D Minecraft-inspired game for a client
- Utilizes **perlin noise** to simulate infinite procedural generation
- Built using Python's **Ursina Engine**

Personal Projects

✉ sheffira2@gmail.com

☎ 7143815418

📍 Seattle, United States 98103

My Stack

- **Front-end:** React, Next
- **Server-Side:** Express, Django Rest Framework, Node, Socket.io
- **Databases:** PostgreSQL, Redis, MongoDB
- **Technologies:** Github, Docker, Heroku, Netlify,
- **Tools:** VSCode, Postman

Portfolio

- <https://www.sheffieldrobert.com/>

Education

06/2020

University of Washington

Seattle

Bachelors of Science: Industrial and Systems Engineering

- Dean's List 2019

Twitter Clone

January 2022

- Developed simplified clone of social media giant Twitter
- **Stack: React, Gunicorn, Django Rest Framework, PostgreSQL**
- Includes weekly trending tweets, and who-to-follow recommendations

Instant Messaging and Chatroom App

October 2021

- Utilized the StreamChat API to message others, create chat rooms, and add reactions to messages
- **Stack: React Express Socket.io**
- Honed my understanding of Express and the HTTP request life cycle