

# Murat Ogulcan Sahin

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[Website](#) | [GitHub](#) | [Blog](#) | [LinkedIn](#)

## FULL STACK DEVELOPER

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Experienced in Ruby on Rails and JavaScript based web development. Coming from a background in statistics and mathematics which helped me to develop problem solving, analytical and critical thinking skills. Equipped with a strong understanding of software architecture, design patterns and object-oriented programming. Always passionate to improve my software engineering skill set.

## TECHNICAL SKILLS

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Ruby, Rails, Sinatra, SQL, JavaScript, React, Redux, Three.js, Git, GitHub, HTML, CSS, REST, AJAX

## TECHNICAL PROJECTS

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### Space Cruise - [GitHub](#) | [Demo](#) | [Walkthrough](#)

A space travel service that allows users to book trips to planets on a 3D platform.

- Developed JavaScript/React/Redux front-end and Ruby/Rails/SQLite3 back-end
- Implemented 'redux-thunk' middleware enhancer to dispatch asynchronous functions
- Exploited Three.js React extension to create 3D user experience.

### Dance Memory - [GitHub](#) | [Demo](#) | [Walkthrough](#)

A SPA memory card game with fun dancing stickers.

- Utilized CRUD actions with adhering RESTful API architecture
- Employed vanilla JS to handle DOM events with AJAX techniques
- Devised API responses with serializers that use Active Record Interface Query methods to boost query performance

### Icy Truck - [GitHub](#) | [Demo](#) | [Walkthrough](#)

A Rails app where users can purchase or sell ice cream from their own ice cream truck.

- Programmed with Ruby on Rails in backend and frontend
- Authenticated users with Facebook accounts using 'omniauth'
- Encrypted and secured user password via 'bcrypt' hashing
- Generated nested forms and models to reduce fetch requests for better user experience

## EXPERIENCE

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### YASA Tanker

Voyage Operation and Chartering Intern

Istanbul, Turkey

05/2014 – 07/2015

- Ordered mechanical parts for the fleet to increase net profit margin
- Investigated charter parties to prevent decrease in company's year-end financial performance

## EDUCATION

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### Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript programming bootcamp

New York, NY

01/ 2021 - 06/2021

### Istanbul University

Maritime Transportation and Management Engineering (Bachelor of Science)

Istanbul, Turkey

07/2015

- Related Studies: Statistics, Mathematics, MATLAB