



HASAN UGURLU

Software Developer

406-641-0228 hasan-ugurlu.com hasancan.ugurlu@gmail.com

[LinkedIn](#) [Github](#)

Profile

Certificates

[Harvard CS](#)

[AlgoExpert](#)

[Algorithms and Data Structures](#)

[Responsive Web Design](#)

[Front-End Libraries](#)

Tech Skills

HTML/CSS/JS

React.js

Redux

Node.js

Express.js

MongoDB

Python

Flask

Git

Soft Skills

Fast Learner

Leadership


Problem Solving

Communication


Self-Starter

Community taught software developer, well versed in creating websites with JavaScript, Node, and React as well as writing scripts in Python. Has open-minded personality, and enjoys working with all sorts of personalities. A fast learner with strong time management skills. Strong work ethic in team or individual settings to drive product success and progress efficiency.


Projects

KeeperApp  *JavaScript - React.js - JSX - Heroku*


- Applied modern React tools for a better user experience.
- Added hooks(useState) for state management.
- Used props to pass data from one component to another.
- Deployed on Heroku web hosting service.

Portfolio Website  *JavaScript - React.js - JSX - Gatsby - Netlify*

- Created a static website for personal portfolio.
- Built different components for each webpage and connected them with router-dom package.
- Set up custom hooks for on-click functionality to prevent edge cases.

Financex  *Python - Flask - SQLite - Github*

- Built a full-stack stock trading app, using Python framework Flask.
- Using IEX API, received the trading data as JSON(JavaScript Object Notation)
- Implemented register, quote, buy, sell, index, history, and adding cash functionality.
- Reduced SQL injection attacks by using named bind parameters instead of f-strings.

To-Do List  *JavaScript - Node.js - Express.js - EJS - MongoDB - Heroku*

- Developed a full-stack web application using Node.js and MongoDB.
- Defined Express.js to handle requests and responses.
- Used EJS to ease output lots of HTML.
- Managed ODM(Object Data Modeling) with mongoose for CRUD(Create, Read, Update, Delete) operations.
- Created database by using MongoDB Atlas. Connected it with MongoDB API.

Hobbies

Martial Arts

Gaming

Music

Quote Generator *JavaScript - jQuery - Netlify*

- Created a website using Forismatic API, and jQuery.
- Used Forismatic API to get random quotes as JSON(JavaScript Object Notation).
- Implemented functionality for changing random colors on onClick event.
- Hosted the project on Netlify using Github.

JavaScript Calculator *Javascript - React - Netlify*

- Created a website using functional React components and hooks.
- Used buttons for user input and evaluated the current calculation with custom logic.
- Changed the calculation's state by using state management tools.
- Hosted the project on Netlify using Github.

Drums Kit *Javascript - React - Netlify*

- Created a website using functional React components and hooks.
- Deployed a custom hook to play songs in demand.
- Tracked the state by using state hook to show a different image in different states and get a fluid playing animation.
- Hosted the project on Netlify using Github.

Pomodoro Clock *JavaScript - React - Netlify*

- Created a clock for time management, using custom React hooks, sounds, and effects.
- Increased interval function accuracy by 50% by implying custom React hook.
- Beautified web-layout by implementing semantic-ui react integration.
- Hosted the project on Netlify using Github.

Markdown Previewer *JavaScript - React.js - Netlify*

- Created a markdown previewer website using marked API, and React.
- Used marked API to parse and compile given markdown input into formatted text.
- Implemented functionality for showing converted text on the same page fast and without caching.
- Hosted the project on Netlify using Github.

Newsletter-Signup *JavaScript - Node.js - Express.js - Heroku*

- Created an API, for a newsletter subscription.
- Used MailChimp's API to get the email addresses from clients.
- Posted data to Mail Chimp's servers via their API.
- Deployed the app with Heroku.

Daily Journal JavaScript - Node.js - Express.js - EJS - Heroku

- Developed a front-end web application using Embedded JavaScript.
- Used Express.js to define routes for the application.
- Used body-parser to parse POST requests.

Tindog JavaScript - Github

- Created a dating website for dogs.
- Used plain HTML / CSS.
- Deployed the website on Github Pages.

Employment History

IT Consultant *Little Rangers Learning Center, West Yellowstone* - 2020

- Helped evaluate company's IT systems to help them meet their business objectives.
- Analyzed and diagnosed company's IT infrastructure, understood client's business needs.
- Designed and implemented necessary technology solutions.