

Tim Kravel

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TKDevDesign.com
[GitHub/TKravel](https://github.com/TKravel)

Highly motivated self-starter seeking to transition to a MERN stack developer role. With a decade of experience creating geometric code programs for industrial controllers while creating aerospace parts from raw materials I thrive within a fast-paced environment involving problem solving, rapidly changing requirements, time management skills, and attention to detail.

Skills: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, Mongoose ODM, GIT, NPM

Projects: Live demos at TKDevDesign.com

Movie search

github.com/TKravel/movie-search-client

React / Node.js / Express.js

Connects to a Restful API to retrieve streaming availability for Netflix or Prime Video. Consumes JSON data to display movie poster, data, and trailer links to the user. API calls are proxied through an express server to utilize environment variables to protection sensitive data from the client.

Parent helper

github.com/TKravel/parent-helper

React / Redux / Node.js / Express.js / MongoDB

Track multiple aspects of a child's day by creating, updating, reading, and deleting data from a NoSQL database. User authentication and authorization are handled using JSON Web Tokens and reacts context API. User data is handled by Redux and displayed in a paginated table.

Quit smoking goal tracker

github.com/TKravel/quit-calc-client

React / Material UI / Node.js / NoSQL

Register to create, save, and track goals. Responsive design with form elements created using Material UI inputs validated by react-hook-forms npm package. Connects to a MongoDB cloud atlas cluster using Mongoose ODM to persist user data.

Weather app

github.com/TKravel/weather-app-client

React / Jest testing / Node.js / Express.js

Retrieves weather data from a third-party Rest API to display to the user. User input auto complete is powered by Google Places API. Responsive design and mobile friendly. Client application uses react testing library and Jest for testing.

Experience:

Digital Machine Company - *CNC Programmer / CNC Set-up*

Aug 2012 — Feb 2021

- Created and refactored G-code programs for CNC industrial machine controllers.
- Mentored and managed new employees, helping them to reach deadlines on time.
- Collaborated with other department leads to schedule job workflows and start times.
- Worked with clients on research and development to translate new ideas into reality.
- Installed, set geometry, and set offsets tooling on 2 axis CNC lathes.
- Tested set ups to ensure job is running correctly and efficiently.
- Interrupted blueprints to maintain precise requirements from engineer's specifications.