Luke Karlovich

Full Stack Web Developer
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ABOUT

I am a full stack web developer with a background in healthcare applications. Healthcare, like technology, is constantly evolving which has allowed me to adapt to consistent changes and learn new material quickly. My favorite part of working in healthcare has been the technical aspect of ensuring different software and interfaces are functioning proficiently. This is what led me to begin teaching myself how to program simple frontend websites. In order to bridge the gap between basic sites and production quality, interactive web applications I enrolled in a full stack program through the University of Denver. The school has allowed me to obtain the skills in Javascript, React, NodeJS and MongoDB to make fully functional frontend and backend applications of my own. I also enjoy discovering new technologies and learning different programing languages. I am looking for a junior developer position in a team setting within a progressive and innovative company.

APPLICATIONS

WePlay   https://weplayapp.herokuapp.com/

Fully functional front and backend application deployed on Heroku. WePlay is a platform for people to find, join or create pickup sports games. Auth0 authentication allows users to sign in with Facebook or Google and uses JSON web tokens to display user info. The WePlay application was built using the MERN stack, consisting of a Node/Express backend, a Mongo database and React frontend. Additionally, the application uses Google Maps to display location and utilizes Nodemailer NPM package to contact or share an event.

RYTFA   www.rytfa.org

Converted a Ruby on Rails web app to an exact static replica with the use of only Javascript and Bootstrap. Application is deployed and hosted through Amazon Web Services S3, which dramatically reduces server costs for the customer. The Rochester Youth Track & Field Association (RYTFA) uses this site for families to obtain information and register for summer camp. The website also utilizes Formspree's emailing function to allow users to contact the head of the RYTFA.

Plate Planner   https://plateplanner.herokuapp.com/

A meal planner application where users can search, save or delete recipes as well as ingredients to their own profile. Users are Facebook authenticated with the use of passport Oauth. Front end operates via handlebars with the help of jQuery and SASS for styling. The site is built on Node with an Express framework and utilizes Sequelize ORM to save and retrieve client profile information to and from MYSQL database.

EDUCATION

University of Denver   07/2018 - 01/2019
Full Stack Web Development

University of Colorado at Boulder   08/2012 - 12/2016
Bachelors in Integrative Physiology

WORK EXPERIENCE

Trilogy Educational Services, Denver, Colorado   02/2019 - Current
Web Development Tutor
Teach aspiring web developer students the fundamentals of software development. Assist with topics ranging from basic vanilla Javascript, databases, MVC concepts, all the way to constructing full MERN stack applications.

Boulder Community Health, Boulder, Colorado   09/2016 - Current
Laboratory Technician
Run and report test results on multiple healthcare applications. Assist patients and medical professionals with any electronic medical record software difficulties as well as any other customer service related problems.