MARK LOEGEL
FULL-STACK WEB DEVELOPER

CONTACT

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PERSONAL PROFILE

A full stack web developer that specializes in React and Node. My experience at Lambda school has given me confidence shipping modern web applications on cross-functional development teams. I have a passion for programming and enjoy the pursuit of new technologies.

SKILLS

- Core Skills: HTML, CSS, JavaScript, Python, Git
- FrontEnd: React, Redux, Context, MaterialUI, ReactStrap, MapBox, React-Map-GL, PlotlyJs
- BackEnd: Node, Express, Postgres, SQLite, GraphQL, MySQL
- Testing: Cypress, Jest and Supertest and React-Testing Library
- Experience with Docker, RESTful API, Unit testing, npm, yarn, Sass. Less

OTHER SKILLS

- The ability to analyze complex technical information
- Analyze, design and implement database structures
- Ability to lead a team
- Pair-programming skills
- Remote work and remote learning
- Agile Project Management

EDUCATION HISTORY

LAMBDA SCHOOL

Web Development & Computer Science, 2020

- Produced numerous production quality web applications
- Experience with agile software development methods
- Participated in the Lambda Leadership program
- Part of the Lambda X Endorsement program

OAKLAND UNIVERSITY

Psychology with Focus in Child Development, 2012
Member of Swimming and Diving Team, 2008-2012

- Division 1 Program
- Conference Champions all 4 years

RELEVANT WORK EXPERIENCE

BRIDGES TO PROSPERITY | OCT 2020 | BRIDGESTOPROSPERITY.ORG

- Worked on a cross-functional team of 4 data scientists and 4 web developers over 4 weeks to display data generated by the Data Science team on a map for the stakeholder to better be able to evaluate new and existing bridge site locations
- Added topography and different icons to the map functionality
- Integrated new output from our data scientist's model into our backend API service
- Updated the styling of the app to match the current web site
- With my personal updates of adding topography and adding graphs with PlotlyJs our version of the project was chosen to continue to build on by the stakeholder

ULTRAMIKRO | NOV 2020 | ULTRAMIKRO.VERCEL.APP

- Contracted to recover what was possible from previous site and create and deploy new site
- Originally created the project in HTML in approximately 3 days. Deployed May 2020
- Re-created the site in React in Oct in approximately 3 days. Deployed Oct 2020
- Stakeholder happy with new site, remain in contact for future updates of the site

PROJECTS

CONWAY'S GAME OF LIFE | 2020

- Created Conway's Game of Life(CGOL) in React in a week
- Built a version of CGOL in Python. This project was made using React and was a great opportunity for me to hone my JS skills

RUN TRACKER | 2020

- Created an app that will track running times
- Back-end uses Jest for Testing, Front-end uses Cypress

BUILD WEEK – HOW TO | 2020

- Responsible for and created the entire backend for the project
- Favorite project while at Lambda, I loved learning how to write an elaborate and well documented readme

BUILD WEEK – WATER MY PLANTS | 2020

- Responsible for creating the front end app except for the register and login
- Enjoyed working closely with the Backend engineer to help plan out the database schema to ensure while I worked on the Frontend I had exactly the data required

BUILD WEEK – ANYWHERE FITNESS | 2020

- Worked on a project with many different cohorts in a group of 9
- Learned about working across different teams in this project. It was the first time I was able to work in a group that had a member from both the Data Science Team and the iOS Team that worked along side the Web Development Team

PREVIOUS WORK EXPERIENCE

– Collaborative Advantage Marketing | Building/Construction Manager 2017 – 2019
– Operations Consultant | Goldfish Swim School Franchising 2015 – 2017
– Manager On Duty | Goldfish Swim School Rochester/Macomb 2013-2015