Kyle Lau

HIGHLIGHTS

- Full-stack skills: React, jQuery, Bootstrap, Node.js, Ruby and Rails, Express.js, PostgreSQL, MongoDB & Mongoose
- Programming Languages: JavaScript, Ruby, Python, Java
- Ability of learning, problem analyzing and solving, solution optimizing, skills of communication and collaboration across teams

PROJECT EXPERIENCE

Search Nearby Work website — **Video Link : https://www.linkedin.com/feed/update/urn:li:activity:7034979441596387328/**

- Implemented CRUD functionality for job postings and applications.
- Supported authorization for users to access their job postings and applicants.
- Built a google map search feature that showed nearby job posting' information, including description, wage, pictures, etc.
- Integrated address search feature that converted the address to longitude and latitude and deployed it on google map
- Displayed and updated data list dynamically on both card widgets and Google maps, according to the user's current location
- Tech stack: React, Redux, Bootstrap, Axios, Javascript, Node.js, MongoDB & Mongoose

Travel advisor website — **https://map-manger.herokuapp.com/**

- Built a google map search feature that showed nearby businesses' information, including ratings, reviews, pictures, etc.
- Categorized data by restaurants, attractions, hotels, and weather based on the user's current location
- Displayed and updated data list dynamically on both card widgets and Google maps, according to the user's current location
- Implemented advanced filter feature based on businesses' ratings
- Tech stack: React, Javascript, Material-UI

Journey Manager — **https://journey.herokuapp.com/**

- Allowed users to share journeys and comments
- Supported user authorization, authentication, and Integrated Google map, according to the user's current location
- Implemented CRUD of journeys and comments
- Enabled LIKE feature on the contents
- Supported administration management on the database
- Tech stack: Ruby on Rails, PostgreSQL

EDUCATION

- **CodeCore Developer Bootcamp**   — **CodeCore College**, Vancouver, Completed in September 2022

- **Professional Recording Art**   — **LaSalle College**   , Vancouver, Completed in December 2017

- **Coursera Certificate** & **Udemy Certificate**

Python for Everybody | Using Python to Access Web Data | Using Databases with Python | Python Data Structures | Retrieving, Processing, and Visualizing Data with Python

Modern React with Redux | The Complete Node.js Developer Course | Object-oriented Programming in JavaScript | Master Object Oriented Design in Java

WORK EXPERIENCE

Open Source Developer | OpenTree Education   Feb 2023 — Present
- Designing a graded assessment system within the App will enable users to track their progress and receive personalized feedback
- Agile environments and collaborating with diverse teams
- Participating in sprint planning, daily stand-ups, and retrospectives ensure project deliverables met timelines and quality standards

Multiple music-instrument instructor & Sound Engineer | ArtiMusic Academy   2018 — 2022
- Experienced music instructor offering guitar, piano, and cello lessons to students of all ages, from individual to group settings
- Expertise in vocal recording, audio editing, mixing and mastering for final production

Cover Letter

Dear Hiring Manager,

I am writing to express my interest in the Web developer/Software engineer
 role at the company. I recently graduated from CodeCore College Developer Bootcamp in Vancouver, where I have been studying coding for the past year. I am skilled in the frontend framework React and Node.js, and I am excited to apply these skills in a new role within the field.

Additionally, I have a background in sound engineering, having graduated from Lasalle College in Vancouver. My first career was as a musical instrument instructor and sound engineer, and through this experience, I have come to understand that sound engineering and coding are both accurate forms of communication language with precise principles.

In my past work experience, I have always been interested in deepening my knowledge in a particular field. I am able to take a subject apart and assemble it differently, depending on the level of the student. I am able to explain complex concepts in an understandable way, which I believe would be one of my strengths in a software developer position.

When working on a software project, I always try to make it reusable, extensible, and easy for other developers to understand and modify. I also think of how I can design a feature that older users can understand and use. I am confident that my skills and attitude make me a good fit for teamwork and eager to learn new technology over time. I am excited about the opportunity to make a positive impact on the company.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experience can contribute to the success of your company.

Sincerely,
Kyle Lau