

# Kyle Lau

## HIGHLIGHTS

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- 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

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**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

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- **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

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**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