

# James Lakin

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## EXPERIENCE

### Bubble.io

I have been creating personal projects using bubble for the past few months, my experience as a hobbyist web developer allowed me to rapidly pick up bubble. I am able to make responsive pages with complex functionality making use of conditional statements and custom states.

I am also comfortable working with APIs in Bubble, for example, I have connected an API from SendGrid to a Bubble app to enable me to send custom emails. I have also used Bubbles workflow API root URL to create a webhook with Stripe that notifies the Bubble app when a user's subscription status changes.

### Web Development

I have experience with full stack development as a hobbyist web developer with my most notable achievement being creating a blog posting app using HTML, CSS, JS, React.js, and Node.js, among other technologies.

This experience has been useful within Bubble on multiple occasions such as

- Using CSS to allow mobile users to scroll the page vertically when swiping on a Slick Slideshow
- Using HTML to add a video player

Searching for and reading documentation is a key aspect of web development and I believe this experience has also allowed me to quickly solve problems I run into while building applications with Bubble.

## PROJECTS

### OnlineTrainingSpace — *Online training builder for businesses*

Built with Bubble.io, as seen in my video walkthrough

This is a project that I am proud of because I had to overcome a lot of challenges to get my desired outcome.

The first notable challenge was constructing a page where the user can create a course with the user being able to upload videos and images, create quizzes and write text. End users that take this course then need to be able to cycle through and complete each lesson that has been created.

## Links

GitHub:

<https://github.com/JamesLakin247>

Portfolio:

<https://jameslakin247.github.io/portfolio-page/>

## SKILLS

Making use of APIs in Bubble

Structuring databases in Bubble

Set up Stripe payments with webhooks

Use SendGrid to send emails through Bubble applications

Make use of Bubble conditional statements to create responsive apps

Using custom states in Bubble

Problem solving

## PROGRAMMING LANGUAGES

HTML, CSS, JavaScript, TypeScript, React.js, Node.js, Express.js

I ultimately solved this issue by creating a lesson content datatype that stored each lesson's data. I then used custom states to display the correct lesson content at any given time.

The second notable challenge was using creating single-use invite links with emails being sent by SendGrid. This was challenging because I wanted to have the emails come from my own domain.

After doing some research and watching various tutorials I was able to use the SendGrid plugin by Copilot to create custom email templates giving the application a more professional feel.

## **My Contractor** — *An online marketplace connecting contractors to clients*

Built with Bubble.io

This is a project that I abandoned however a feature of note in this app is the chat feature, contractors and clients can message each other in real-time with additional options such as:

- Contractors can send a 'quote link' that the client can open and view
- Clients can send job details that the contractor can open and view

Building this feature was very exciting because it was the first time I had built somewhat complex feature using a no-code tool.