Michael Kim, full-stack developer

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About

Full-Stack Developer with an educational background in Chemistry and Studio Arts.

Skills

Languages	JavaScript, HTML, CSS (Familiar) Python
Database	MongoDB, PostgreSQL
Libraries and Frameworks	React, Express.js, jQuery, Mongoose, Django
Version Control	Git, GitHub

Projects

The Great Gig in the Sky

Lunar Themed Weather App and Journal
Single Page Application (SPA) – Full Stack / MERN Stack

- Upon landing, the page will get the current date and display the corresponding image of tonight's moon.
- The page will also load the images of the last 150 nights. Images are all "pre-loaded" to decrease lag.
- Created an *Apple* like **Parallax** / Scrolling animation. In addition, while scrolling, the page will update and render the corresponding "date" and "phase" with the image displayed.
- Above features are done through extensive use of **React Hooks.**
- Weather & Astrological Data is **fetched and rendered client-side**, using **Fetch API** and a 3rd party Weather API.
- User **Sign-up/ Log-In / Authentication functionality**, built ground up.
- **RESTful APIs, full CRUD** operations for journal entries – connected to MongoDB via Mongoose.
- **Media Responsive Design**.

GH   https://github.com/sparklingwaterlemon/The-Great-Gig-in-the-Sky
Live   https://the-great-gig-in-the-sky.herokuapp.com/

Shake On It!

Send Friends Challenges – Bets, Games, & Tracker
Full Stack / MERN Stack

- Incorporated **Google OAuth** with **Passport.js, Session.js** and **Google Cloud API Services.**
- Created **REST** backend with **Node.js, Express.js** and **MongoDB/ Mongoose.**
- Landing page displays 10 random bets from the database.
- **Search Bar** functionality - ability to add friends by "User Gamer Tag".
- AAU can create games to challenge friends. Games and Wagers are private, only displayed to challenger and opponent.

GH   https://github.com/sparklingwaterlemon/Shake-On-It
Live   https://shakeonit.herokuapp.com/

Portfolio

Personal Page
React

- Incorporated **React Scroll Library, SweetAlert2 Library, and EmailJS API.**
- Incorporated **React Hooks** for Bubble Animation.
- **CSS** - Keyframes/ Animations, Transitions
- **Media Responsive Design**

GH   https://github.com/sparklingwaterlemon/Portfolio
Live   https://michaelkim.netlify.app/

Craps

In-Browser Craps Game
HTML, CSS, JS

- Simplified Version of Craps. Notable functionalities - Drag and Drop feature.

GH   https://github.com/sparklingwaterlemon/Project-1-Craps
Live   https://sparkly-platypus.netlify.app/

Education

Centre College (Danville, KY)	B.A. Studio Arts, minor Chemistry	2009 – 2013

Leadership
- Cofounded the Iota Chapter of the Delta Kappa Epsilon Fraternity
- Served as the Interfraternity Council Delegate for Delta Kappa Epsilon
- Served as the Men's Lacrosse Team Student Manager

General Assembly (Remote)	Software Engineering Bootcamp	July 2022 – Oct 2022

Professional Experience

2021 – 2022	Sales Consultant	@ Honda of Los Angeles	Los Angeles
2017 – 2021	CA State Licensed Smog Check Inspector	@ Kim's Smog Test Only	Los Angeles
2016 – 2017	Billing Specialist	@ Behavior Frontiers	Gardena
2015 – 2016	Billing Assistant	@ Behavior Frontiers	Gardena
2013 – 2015	Ceramicist	@ Pallas! Ceramics	Los Angeles
2014 – 2015	Bartender	@ Bel-Air Bay Club	Pacific Palisades
2013 – 2014	Bartender	@ XLanes	Los Angeles