

Erich R. Keil

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Experience:

Recurse Center - Participant

Jan 2022 - present

- Learned Modern Full Stack Web Development
 - Used [Full Stack Open](#) curricula as a basis.
 - Front end work focused on React and Redux.
 - Back end work focused on REST APIs and Apollo Graph QL servers in Node.js/Express with MongoDB for storage.
- Studied algorithms and data structures
 - Completed [Complete Intro to Computer Science](#).
 - Completed [Leetcode study plans](#) and attended daily pairing.
 - Working through [Exercism](#) Javascript track.
- Attended Workshops in Git, TDD, Security, and Database KV stores.
- Organized Design Patterns study group on the 'Gang of Four' text.
- Hosted Full Stack WebDev weekly meetups.
- Currently working through modules in React Native, CI/CD, and SQL.

Independent Study

Jan 2020 - present

- **Web Development:** [Free Code Camp Certifications](#): Responsive Web Design, Front End Libraries, Data Visualization, Backend Development/APIs.
- **Computer Science:** Completed Harvard CS50 - Intro to Computer Science(C/Python).

Tulsa Opera - Director of Production

Aug 2017 - Dec 2021

- Managed strategic planning and implementation for a \$1.5M production budget. Oversight of all design and technical elements, hiring, health and safety protocols, and production operations.

East Carolina University - Assoc. Professor

Aug 2011 - Jul 2017

- Taught courses in lighting and sound design and technology, mentored student designers, and managed systems implementation and oversight.

Skills: HTML, CSS, JS, Node/Express, React, D3, Git, MongoDB, REST APIs, GraphQL, Lighting Design, Sound Design, Photography, Figma, Illustrator, Photoshop, Audition, Video Projection, Electrical Theory, Microcontrollers, Exhibit Fabrication & Installation, CAD. Motivated and skilled self-learner.

Education:

- *MFA*: Lighting Design and Technology - UCLA
- *BA*: Theatre Design and Technology - Western Michigan University