

Erich R. Keil

Email: erich@zenlex.dev | Phone: 773-580-1595 | Portfolio: zenlex.dev

Github: github.com/zenlex | LinkedIn: [zenlexltd](https://www.linkedin.com/company/zenlexltd)

Experience:

Recurse Center - *Participant*

Jan 2022 to 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 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

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

Tulsa Opera - *Director of Production*

Aug 2017 to 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 to 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:

- *Master of Fine Arts:* Lighting Design and Technology - UCLA
- *B.A.:* Theater Design and Technology - Western Michigan University