Portfolio:
zenlex.dev

Github:
zenlex

LinkedIn:
zenlexltd

Code Skills:
- HTML
- CSS
- JavaScript
- Node.js
- Express
- React
- Git/GitHub
- MongoDB
- REST APIs
- GraphQL
- Jest

Design Skills:
- Lighting Design
- Sound Design
- Photography
- Figma
- Illustrator
- Photoshop
- Audition
- Video Projection

Erich Keil

Developer, Collaborator, Problem Solver, Teacher.
Tulsa, OK - erich@zenlex.dev - 773-580-1595

Summary:

I am an experienced designer and craftsman looking to build tools to make the world a better place for all. I believe this happens through collaborative processes with passionate problem solvers. I bring a broad variety of skills in software, hardware, media generation, design, and project management. I strive to grow consistently through intrinsically motivated and project-driven learning and to work diligently to support the continued development of clients, colleagues, and students.

Experience:

Recurse Center - *Participant*   01/2022 - 03/2022
- Learned Modern Full Stack Web Development
  - Used [Full Stack Open](#) curriculum 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.
- Studied algorithms and data structures
  - Completed [Complete Intro to Computer Science](#).
  - Completed [Leetcode study plans](#) and 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   01/2020 - 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).

Related Skills:

- Public Speaking
- Teaching
- Curriculum Development
- Research
- Strategic Planning
- Electrical Theory
- Embedded Hardware
- Exhibit Fabrication & Installation
- Electrical Theory

Education:

MFA:
  Theater Design and Technology
  University of California
  Los Angeles

BA:
  Theater Design and Technology
  Western Michigan University

[Experience Continued]

Tulsa Opera - *Dir. of Production*   08/2017-12/2021
- Planned and implemented a $1.5M annual prod. budget.
- Oversaw all design and technical elements.
- Hired, contracted, and managed technicians, designers, and stage managers.
- Designed and implemented health and safety protocols, season selection & scheduling processes, and long range strategic planning.
- Served as chief technical liaison for a $6M construction project.
- Managed negotiation of collective bargaining agreements

East Carolina University - *Professor* 08/2017-12/2021
- Designed curricula and taught core and advanced courses in lighting and sound design and technology for live performance.
- Designed or mentored student designers and oversaw implementation of Lighting and Sound systems.
- Served as Design & Production area coordinator, managing curriculum development and educational operations for the Design & Production concentration.
- Served as Production Manager overseeing calendar and budget coordination for the department's production activities.

Bradley University - *Professor*   09/2005-07/2017
- Designed and taught courses in Lighting and Sound Design and Technology, Scenic Design and Stagecraft.
- Managed scenery, lighting, and AV shops.
- Designed production elements and mentored student designers and technicians.
- Collaborated on strategic planning, budget design and oversight, curriculum development, and accreditation processes.

Community Involvement:
- *Lightning Talk:* "Skill Transfer as a Learning Model: A Case Study in Joining the Circus" - OKC Web Devs - *February 2022*
- *Code for Tulsa:* Member, website project lead
- *Techlahoma:* Member
- *Green Country Sierra Club*: Committee Member