Erich Keil - *Developer, Collaborator, Problem Solver.*

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Github: github.com/zenlex | LinkedIn: zenlexltd

Experience:

Recurse Center, NYC, Jan 2022 to Mar 2022
Participant

- Full Stack Web Development focused on React clients consuming backends as REST APIs or Apollo Graph QL servers in Node.js.
- Additional Web Dev areas of study: React Native, CI/CD, SQL
- Workshops in Git, TDD, Security, and Database Stores
- Hosted Design Patterns study group and Full Stack WebDev weekly meetups
- Algorithms & data structures study
- Pair programming
- Generative art with Three.js, p5.js, and CSS

Tulsa Opera, Tulsa, OK, Aug 2017 to Dec 2021
Director of Production

- Developed and managed a $1.5M annual production budget.
- Oversaw all design and technical elements.
- Hired 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.

East Carolina University - Aug 2011 to Jul 2017
Associate Professor - Theatre - Lighting and Sound Design

- Taught courses in lighting, sound, and tech for live events.
- Designed Lighting and Sound and mentored student designers.
- Managed implementation of Lighting and Sound systems and related network and electrical infrastructure.
- Served as Design & Production coordinator, managing curriculum development and educational operations for the concentration.
- Served as Production Manager for departmental events.

Experience*(continued)*:
Bradley University Sep 2005 to Jul 2011
Assistant Professor - Theatre - Design and Production
- Taught courses in lighting, sound, and tech for live events.
- Managed scenery, lighting, and AV shops.
- Designed productions and mentored student designers / technicians.
- Collaborated on curriculum development, budget, and accreditation.

Skills:
- *Fullstack Web Development:* HTML, CSS, JavaScript/Node.js, React, Git/GitHub, MongoDB, REST APIs, GraphQL
- *Design:* Lighting Design, Sound Design, Photography, Figma, Illustrator, Photoshop, Audition,
- *Hardware:* Lighting, Sound, and Projection systems, Electrical Theory, Microcontrollers, Exhibit Fabrication & Installation, CAD (Vectorworks)
- *Related Skills:* Public Speaking, Teaching, Curriculum Development, Research, Strategic Planning, Budgeting, Project Management

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

Talks/Presentations:
- "Skill Transfer as a Learning Model: A Case Study in Joining the Circus" -OKC Web Devs - *February 2022*

Memberships:
- Techlahoma
- Code for Tulsa