RYAN **KELLEY**

FULL STACK WEB ENGINEER

Sherwood, OR · 818-653-5213

rkelleyfx@gmail.com · **LinkedIn Profile** · **GitHub Profile** · **Web Portfolio**

A dedicated and ambitious full stack engineer with a desire to create tools and applications for businesses of all sizes. Second career engineer after 15+ years of experience with project management and various technical and mechanical projects in the film and television industry. Established business practices that lead to an increase of revenue from $1.7m to $2.4m within a 3 year period.

SKILLS

- Passion for clean UX/UI for web applications
- Proficiency in HTML, CSS, and JavaScript
- Experience in React and Angular Frameworks
- Visual Studio Code, GitHub, GitKraken

- NodeJS, Express, MySQL, NoSQL (MongoDB)
- JSON, REST, HTTP, Postman
- Windows and Microsoft Office

- Strong and concise communication skills
- Extremely versatile and flexible learner
- Efficient in Agile, Kanban, and SCRUM
- Balsamiq, Lucid Charts, Trello, PM Gantt

- Redux, Bootstrap, Cordova/Ionic, AWS
- Responsive Web Design
- Google Docs / Google Sheets

OTHER SKILLS

- Arduino – C/C++
- CNC Machine Operation – G-Code
- DMX – Studio Equipment Control
- PLC – Ladder Logic
- MasterCAM and GibbsCAM
- ViaCAD, SolidWorks, and Sketch-up

- Sirius Inventory Management System
- Hydraulic/Pneumatic Systems: rudimentary logic systems
- Motion Control Logic Systems
  AC Motors, Controllers, and Stunt Winches
- AC/DC Power Distribution Systems

PROJECTS

FULL STACK ENGINEER

OLDFORGEMAKER.COM, RYAN'S WEB PORTFOLIO

Tech Stack: React.js, Node.js, AWS (Amplify, AppSync, DynamoDB) – Other: Bootstrap, GraphQL
Design and Creation of a blog style site for my portfolio, secure portal for post management
Hosted on AWS Amplify with cloud based backend, Utilizing state Hooks for state management

FULL STACK ENGINEER

MAIN-QUEST, WOZ-U GROUP PROJECT

Tech Stack: React.js, Node.js, Express, MySQL – Other tech: Redux, Bootstrap, Postman
Coordinated the creation of a ticket management platform for handling maintenance requests
Demonstrated proper component structure to optimize React using Redux for state management
Established associations between SQL tables for creating an expandable database

PROJECTS: CONT

LOGIC CONTROLLED PROP MANUFACTURING
THE MAGIC CASTLE, LOS ANGELES, CA

Tech Used: Arduino, C/C++, Fright Ideas Logic Controllers, Circuit board design and electronics
Manufactured numerous programmable logic controlled props for various installations
Established easy to use and maintain systems that are structured for future expansions
Inspired technicians to create an open source environment for encouraging growth

EDUCATION

MAY 2020
FULL STACK WEB DEVELOPMENT CERTIFICATION, WOZ-U

Focused on HTML, CSS, Bootstrap, JavaScript, Angular, React, Express, SQL, and Agile PM

OCTOBER 2003
ASSOCIATE OF SCIENCE IN FILM AND VIDEO PRODUCTION, FULLSAIL UNIVERSITY

Gained experience in the process of making a film from inception to completion

WORK EXPERIENCE

MAY 2020
FULL STACK DEVELOPER, CEAD LLC

Built components for POS system that integrated with an enterprise level web based platform
Assisted in designing an IOT system for managing water and nutrients for crops
Front end built in React w/Redux utilizing Material UI for front end styling
Back end in AWS using Amplify, Graph QL, and DynamoDB

2006 – PRESENT
SPFX PROJECT MANAGER, LOS ANGELES, CA

Managed projects ranging from $5k to $250k, coordinated crews ranging from 3-20 technicians
Collaborated with technicians, clients, and talent while maintaining clear communication
Restructured company practices to create an efficient and lean operating environment
Implemented various platforms for tracking jobs, technicians, and equipment availability
Counseled employees and co-workers as well as advocated for employee personal growth