Jacob Cox

Frontend Engineer

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Portfolio

Solutions-driven Full-Stack Software Engineer with 10+ years of project management experience in fast-paced, customer-facing environments.

SOFTWARE DEVELOPMENT EXPERIENCE

GIMME5
  Mobile-friendly, serverless web application for writers, guiding them through writing prompts and fast-tracking the first draft of a new project. JavaScript / JQuery frontend.

DYNAMIC WEB TEMPLATE
  Personal playwriting site. Allows admin to add a play's details and production photos to a form and have a styled "show-page" automatically created, freeing up time for writing by reducing CSS needs. JavaScript/EJS frontend. Express/Mongo backend.

SELECTED EMPLOYMENT HISTORY

Operations Captain | Lettuce Entertain You | Chicago, IL | 10/2016–present
Oversee the execution of special events ranging from 20 guests to 520 through the proactive use of empathetic communication
- Organize diverse teams to collaborate as a unit by listening to their needs, laying out a vision for the event, and delineating duties
- Responsive to customer needs under rapidly changing conditions, using split-second judgment to re-orchestrate events on the fly
- Implemented skills testing along with best practices education and post-mortem feedback sessions to identify successes and areas for improvement

Production Manager | Keith Clayton Furniture | Chicago, IL | 1/2005–4/2016
Led a team of artisans in constructing high quality, handmade furnishings for clients and contractors, delivering a quality product quickly
- Re-imagined design architecture and construction workflows to speed production, increasing sales 400+ percent during my tenure, without the expense of advertising
- Engaged team in planning process; detailing specs, elevating stakes and improving quality while minimizing costly oversights, resulting in a large upswing in repeat business and referrals
- Re-imagined scheduling, production, and installation protocols to best impact facility use, eliminating need for costly expansion

Digital Video Editor | Fig Media | Chicago, IL | 2/05–12/06
Collaborated with Producers and Videographers to develop documentaries and stylish corporate promotions using Final Cut Pro.
- Worked hand-in-hand with clients, engineering a meticulous product and translating feedback into actionable steps
- Researched and quickly implemented new graphic software into daily workflow, teaching those skills to Editing team and guiding them in creating an attention-getting marketing presentation

TECH SKILLS
Languages: Python, JavaScript (ES6), HTML5, CSS3
Frameworks & Libraries: JQuery, React, Redux, Flask, Express
Database Managers: MongoDB, PostgresSQL
Other Technical Skills: OOP, TDD, Node.js, Excel, REST, API, MVC, Git, Heroku, Authentication, Bash

RELEVANT SKILLS
Communication Skills
Self-Directed
Problem Solving
Teamwork
Collaboration
Flexible

FORMAL TRAINING
General Assembly
Software Engineering Fellow
500+ hour training program focused on: Git/GitHub, HTML, CSS, JavaScript, Node, MongoDB, SQL, Python, and React

EDUCATION
Lawrence University
Appleton, WI
BA Studio Art
magna cum laude