Alix Webb

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Portfolio: alixwebb.com | LinkedIn: linkedin.com/in/alixwebb | GitHub: github.com/awebb8

SUMMARY

Highly adaptable and team-oriented Full Stack Web Developer and Project Manager with experience in process development and improvement, process change control, and quality auditing

SKILLS

- **Web Development:** CSS, HTML, JavaScript, JQuery, AJAX, React.js, Express.js, Node.js, MongoDB, MySQL
- **Computer Literacy:** Amazon Web Services (AWS), ERP software (Oracle), electronic drafting (AutoCAD), Nintex for SharePoint workflow development, Advanced MS Office: Word, Excel (including writing macros in VBA), Visio (process flow creation), Access, Project and PowerPoint
- **Lean and Six Sigma Tools:** Standard Work, A3 problem solving, PDSA (Plan, Do, Study, Act), 5 Why root cause analysis, Kaizen, Value Stream Mapping, 5S workplace organization, Kanban
- **Communication:** Technical writing, public speaking, listening, open-mindedness
- **Internal Soft Skills:** Self-awareness, self-compassion, accepting criticism, critical thinking and problem solving, resilience, perseverance, emotional management, perceptiveness, growth mindset
- **External Soft Skills:** Collaborative teamwork, effective communication, managing conflict, adaptability
- **Leadership:** JTEKT Engineering Training Program, Lead Auditor and Audit Coordinator (ISO 9001 and IATF 16949), Project Team Management, Trainer for various systems and processes

PROJECTS

AllHues | GitHub: github.com/awebb8/allhues | Deployed Project: allhues.herokuapp.com
- Summary: An application for content creators to further interact with their followers and curious makeup enthusiasts. Users can explore the latest looks and find and purchase the actual products being used.
- Core responsibilities: JWT/User Authentication integration, Favorites functionality, UX Design and CSS
- Tools / languages used: React, MERN Stack, MongoDB, JSON Web Token (JWT), Cloudinary API, Node.js, JavaScript, CSS, HTML, Heroku

What's For Dinner | GitHub: github.com/awebb8/project-1 | Deployed Project: awebb8.github.io/project-1
- Summary: A meal planning assistant that allows users to search for recipe or restaurant recommendations.
- Core responsibilities: Landing and recipe pages design, JavaScript, JQuery, HTML and CSS, API calls
- Tools / languages used: HTML, CSS, JavaScript, JQuery, AJAX, local storage, Spoonacular API, Yelp API, Google Maps API, GitHub Pages

Value Analysis / Value Engineering (VA/VE) System | Deployed Project: privately owned by a previous employer
- Summary: An online portal to replace a paper system for associates to capture and approve information.
- Core responsibilities: Project Manager and SharePoint Developer
- Tools / languages used: Nintex Workflow, CSS

Data Manager Tool | Deployed Project: privately owned by a previous employer
- Summary: A web-based data collection tool used in the creation of new indirect inventory items. Standardizes items and prepares records for entry into an Enterprise Resource Planning (ERP) system.
- Core responsibilities: Project Manager

Visit www.alixwebb.com to view additional projects.

WORK EXPERIENCE

JTEKT Corporation   Greenville, SC
Senior Project Engineer   April 2018 – August 2020
- Managed cross functional teams for major business process improvements, including identifying the project scope and key contributors while developing and executing a project plan
- Led a Kaizen project to create and implement standardized processes across North American manufacturing plants for ordering, visualizing, sharing and reducing indirect inventory
  - Completed and gained top management approval for a capital planning proposal for over $300,000
  - Implemented process improvements, developed standard operating procedures, and trained
- Managed the annual ISO 9001/IATF 16949 quality management system (QMS) audit process as the JTEKT Greenville site's Lead Auditor and Audit Coordinator
  - Supported the integration of new processes into the Greenville site's QMS

- Managed critical change requests at JTEKT manufacturing plants (North America, Europe, and Japan) by working with the plants, Sales, Application Engineers, etc. Ensure customer requirements regarding changes are met.
  o Led a Kaizen event for the process of customer acceptance of change requests, and follow through on implementation and standardization of the solution
  o Developed new training courses for the Management of Change process within the Learning Management System, JTEKT Learning Center (JLC)

JTEKT Corporation   Greenville, SC
Change Control Engineer   February 2015 – March 2018
- Managed critical and high-profile change requests at JTEKT manufacturing plants, which affected production processes, product design, and supply chain.
- Managed developments to JTEKT's Management of Change (MOC) software
- Assisted with the integration of additional manufacturing plants into JTEKT's MOC system
- Managed changes coming from Japan and Europe that affected North American customers and developed a new process for how JTEKT handles changes originating outside of North America
- Developed an understanding of customer-specific requirements and worked with applications engineering and sales to ensure customer requirements were met regarding change requests
- Developed training material, including process flows, procedures, job descriptions and videos
- Led the 2016 and 2017 ISO/TS 16949 internal audits at JTEKT's Greenville site
- Led the Greenville site's transition to the new quality management system standards (ISO/TS 16949:2009 to ISO 9001:2015 and IATF 16949:2016) by completing a gap analysis and action items

JTEKT Corporation   Greenville, SC
Program Engineer, Sales and Engineering Training Program   June 2014 – January 2015
- Completed activities, projects, and learnings among other deliverables for the program, while spending 2-3 months working at each of JTEKT's three technical center locations
- Enhanced technical skills related to product design, manufacturing, and development
- Developed business and professional skills needed to satisfy employer expectations
- Improved interpersonal skills utilized in business and team collaboration

Volvo Trucks   Dublin, VA
Sr. Industrial Engineer Intern   April 2012 – May 2014
- Managed over thirty operators on the production line and handled assembly issues
- Performed Kaizen improvements from self-formed and operator-generated ideas
- Optimized work among operators to increase and equalize utilization while reducing costs
- Documented and enhanced line balances and conducted time studies through MOST
- Introduced new products and product changes to production by coordinating with other engineers as well as assembly workers

EDUCATION

Virginia Polytechnic Institute and State University   Blacksburg, VA
B.S. Industrial and Systems Engineering   May 2014
Minor: Green Engineering

Georgia Institute of Technology   Atlanta, GA
Full Stack Web Development Boot Camp   November 2020

CERTIFICATIONS
- Full Stack Web Development
- ISO 9001:2015 and IATF 16949:2016 Certified Lead Auditor
- OSHA 30

ACTIVITIES AND VOLUNTEER EXPERIENCE
STEM Committee Team Member, JTEKT North America's Greenville Site (Mar. 2017 – Aug. 2020)
iMAGINE Upstate Board Member, SC's Coalition for Mathematics & Science (Sept. 2018 – May 2019)
Safety Committee Team Leader, JTEKT North America's Greenville Site (Jan. 2017 – Jan. 2019)
Undergraduate Liaison, Institute of Industrial Engineers Student Chapter (2012 – 2013)
Ergonomics Sub-team Member, Formula SAE, Virginia Tech Motorsports (Spring 2013)
Alpha Omega Epsilon, Professional and Social Engineering Sorority (Spring 2011 – 2014)