**Adam Shaffer**

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| **Peoria, Il 61616 309.857.5164**  **ashaffe@gmail.com** | **Portfolio: www.great-developer.com GitHub:** [**www.github.com/GreatDeveloper66**](http://www.github.com/GreatDeveloper66) **GitLab:** [**www.gitlab.com/GreatDeveloper66**](http://www.gitlab.com/GreatDeveloper66) **Free Code Camp: www.freecodecamp.org/greatdeveloper66** |

**PROFILE**

Highly motivated, detailed technical professional who leverages knowledge and experience in technical environments to build well organized and effective software. Adept problem solver with proven track record of implementing tools and frameworks to improve processes and meet business goals. Proficient communicator who translates business needs into action items while conveying complex technical information in understandable ways written and orally. Analytical, organized leader with proven ability to guide and mentor staff to achieve objectives. Flexible team player adept at prioritizing and handling multiple, concurrent projects to timely completion.

**TECHNICAL SKILLS**

HTML 5 | CSS3 |SASS| Bootstrap | Git | JavaScript | jQuery | React | Redux | PHP | SQL | WordPress | Responsive Design | Node.js | Chrome Developer Tools

**PROJECTS**

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| **Chingu Tier1 Collaborative Project** A collaborative project for Chingu’s Tier 1 cohort that clones and expands upon a TickyBot slack channel.  *Skills Used: HTML5, CSS3, JavaScript, Git https://v11-toucans-team-07.herokuapp.com* | **Drum Machine**A drum machine app using React that allows users to play and record a series of sounds.  *Skills Used: HTML5, CSS3, SCSS, React, Git https://drummachineapp.herokuapp.com* |
| **Calculator App** A calculator app using Redux to perform basic arithmetic computations  *Skills Used: HTML5,CSS3, SCSS, JavaScript, Redux, Git https://reduxcalculator.herokuapp.com* | **Color Game** A simple front end app that allows user to pick a color from its code. *Skills Used: HTML5, CSS3, JavaScript https://color---game.herokuapp.com* |

**EDUCATION**

**Front End Libraries Certification**, Free Code Camp

**JavaScript Algorithms and Data Structures Certification,** Free Code Camp

**Responsive Web Design Developer Certification**, Free Code Camp

**MS, Systems Engineering**, Colorado Technical University, Colorado Springs, CO

**BS, Mechanical Engineering**, Southern Illinois University, Edwardsville, IL

**PROFESSIONAL EXPERIENCE**

KOMATSU, Peoria, IL | 2017—2019

**Quality Engineer**

Authored and compiled Supplier Quality Metrics reports to engage management and other departments in quality improvement efforts. Successfully Boosted Quality Department effectiveness and efficiency by providing administrative support in critical department functions. Reviewed and Evaluated Production Part Approval Process (PPAP) documents to ensure quality of incoming product. Implemented *quality improvement initiatives.*

* Reduced time to compile metrics by 75% within four months by reorganizing and streamlining Safety, Quality, Delivery, and Cost (SQDC) metrics reporting process utilizing Microsoft Excel and Visual Basic tools.
* Within four months, successfully decrease time to complete average Production Parts Approval Process (PPAP) 80% by surveying, evaluating, and improving effectiveness and efficiency of PPAP process.

**Inspector: Planning and Production**

Oversaw concurrent manufacturing of products on time and under strict specifications listed under nuclear industry. Verified part numbers, quantity, and heat code traceability for each component before production.

* Ensured material traceability of outgoing cable trays to meet relevant industry and government regulations by using MS Office and SAP software knowledge to draft material certification reports for outgoing parts accurately.
* Spearheaded ‘Nova’ nuclear power plant project, guaranteeing accurate & timely delivery of electrical equipment cable trays to sites with product planning, organizing and certifying shipment, and investigating incorrect shipments.

SUPPLY CHAIN SERVICES INTERNATIONAL, Peoria, IL | 2012—2016

**Quality Specialist** (2015—2016)

Aided Quality managers with administrative duties and expansion of Quality Management systems while adhering to company quality and safety standards. Executed ISO 9001 internal audits, applying industry standards across entire organization. Developed instructions and procedures for company services ranging from Magnetic Particle Inspection (MPI) to parts handling and washing.

* Enhanced systemic company weaknesses through initiation of 8-Disciplines (8D) problem-solving meetings and applications of 8D root cause analysis to recurring problems.
* Conceptualized and instituted company improvement initiatives through process audits of new and updated company practices and policies.
* Facilitated 8D program, directing problem-solving teams utilizing root cause analysis and monitoring progress and performance.
* Increased quality, efficiency, and effectiveness of core processes through leading 8D problem-solving program.

**AWARDS & PROFESSIONAL AFFILIATIONS**

US Navy Good Conduct Award, Armed Forces, 2001

Expeditionary Medal, Sea Service Deployment Ribbon, Coast Guard Meritorious Unit Commendation, Navy E-Ribbon

Member, Toastmasters International - Competent Communicator Award

Member, International Council of Systems Engineering (INCOSE)