Aaron Mikel Key

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I am a engineer with eight years of experience working in development and testing of electronics ranging from power tools to appliances. I have also been a freelance web developer for six years, developing for small businesses. I am known for my positive energy, eagerness to learn, and creative ideas towards problem solving.

EXPERIENCE

Freelance
Web Developer   **09/16 - Present**

- Develop and program websites using VSCode for clients to meet their needs, using frameworks such as React.
- Maintain websites with up-to-date content ensuring high levels of use and satisfaction using AWS
- Research languages and best practices for successful program planning, development, and delivery.

TTI Floorcare
Development Test Engineer   **10/19 - 02/22**

- Developed test plans and test procedures to maximize test method quality, reduce time and costs, and improve testing accuracy.
- Collaborated with electrical and firmware engineers on the development of new products to ensure quality and safety.
- Assisted in design and testing of battery systems for products, leading to improved efficiency and increased lifetime of batteries.
- Assisted in training of new employees on the use of equipment and organization of laboratory to increase productivity and efficiency.
- Maintained safety and organization by adhering to 5S methods, and maintaining a safe work environment at all times.
- Developed and implemented report forms to enhance the collection and use of strategic information to support decision making.

TTI NA
Lab Technician/Compliance Specialist   **08/14 - 10/19**

- Performed tests on power tools to ensure quality and safety standards.
- Followed UL regulatory requirements, policies and procedures to ensure continued licensing.
- Coordinated with Electrical, Project, and Firmware engineers to ensure desired operation and quality.
- Performed tests on batteries and battery systems, ensuring optimal performance and adherence to safety standards.

SKILLS

Electronics	Oscilliscope, AC and DC power supplies, Multimeters, Microcontrollers, Soldering And Wiring, Arduino Programming, 3D Printing Prototype, AutoCAD, Data logging, PCB Rework
Organization	Safety, Cleanliness, 5S, Coordinating
Programming	React, Git & Version Control, Github, Agile, CSS, HTML5, MongoDB, Express, TypeScript, Amazon Web Services (AWS), OAuth, Advanced JavaScript, ES6, NodeJS, NoSQL, MERN, Babel, jQuery, Sass/Less, React Hooks, npm, webpack, Heroku, RESTful APIs, Search Engine Optimization (SEO)

EDUCATION

A.S. General Engineering, Tri-County Technical College   **08/16 - 05/19**

PERSONAL INTERESTS

- In my spare time, I enjoy hiking, playing guitar, and adventures with my wife and our two dogs.
- I am a certified SCUBA diver and enjoy diving and snorkeling.