

TAYON WILLIAMS

Full-Stack Developer | Software Engineer | AI Software Developer | Prompt Engineer

864-337-1201 | tayondw@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

A Software Engineer and recent consultant focusing on LLM training, offering mid-level development experience. Known for optimizing machine learning models and successfully migrating complex systems to efficient environments, improving user engagement and reducing operations downtime. Developed a test automation framework and contributed to improvements in full-stack applications. Seeks to leverage these technical skills and innovative solutions to drive value and performance in software engineering environments.

SKILLS

Languages: (*proficient*): JavaScript, Python, HTML5/CSS3, SQL, (*familiar*): Rust, Swift, PHP

Technologies: (*proficient*): Docker, AWS, JS Frameworks, Python Frameworks, CI/CD

EXPERIENCE

Software Engineer (LLM Training Expert) | Consultant for Outlier AI, Remote September 2024-Current

- Developed and optimized machine learning models using JavaScript/Python/Swift/Rust, increasing accuracy.
- Debugged and resolved issues related to model training and deployment, ensuring seamless operation and reducing downtime.
- Documented workflows and created technical guides to assist team members in understanding model functionalities.

Full-Stack Developer | Freelance, Remote September 2024-Current

- Redesigned interfaces with modern aesthetics, user-focused principles, and mobile responsiveness, boosting user satisfaction by 20%.
- Improved site visibility and rankings with keyword integration, metadata optimization, and performance enhancements.
- Migrated from an inherited PHP server to Node/Express with JavaScript, improving server performance and maintainability.
- Designed React frontends that enabled support staff to efficiently debug routing, latency, and GRE tunnels in internal and external networks, improving troubleshooting speed.

Software Engineer Intern | [what i do](#), Remote April 2024-November 2024

- Developed a Chai Test Automation Framework to enhance scalability, modularity, and reusability, leading to reduced costs.
- Provided design input and conducted quality testing from prerelease to maintenance for an app with over 100 users.
- Identified and documented inconsistencies in user experience, contributing to a 20% improvement in user satisfaction.

Founding Engineer | Men Cry Too, Remote July 2023-September 2024

- Engineered a tech startup generating \$5,000+, overseeing requirements gathering, and solution architecture.
- Enhanced UI/UX and developed product innovation using React and Python, resulting in optimized platform performance.
- Wrote the entire platform's backend using Flask to support all business logic, handling 50+ users.

Operations Manager | Ciel Du Miel Brands, LLC, Petaluma, CA December 2022-June 2023

- Spearheaded an onboarding training program for new employees, reducing the time it takes to train them by 30%.
- Developed processes for receiving products and inventory management, leading to streamlined operations and reduced errors.
- Assessed budgets to minimize expenses and optimize profits, achieving cost savings and improved financial performance.

Quality Control Chemist III | Element Materials Technology, Santa Rosa, CA December 2021-December 2022

- Refactored maintenance of QC SOPs, test methods, analytical validations, reference standard qualification, and stability studies, improving efficiency and accuracy in quality control processes.
- Supervised analytical equipment qualification and calibration and/or approval of calibration results, enhancing equipment reliability.
- Designed and developed a spreadsheet to record the consumption, purpose, and location of reference standards for maintenance, streamlining inventory management, and reducing errors.

Quality Control Chemist I | The Ritedoese Corporation, Columbia, SC June 2020-December 2021

- Conducted trend analysis for out-of-specification results, identifying issues to reduce analyst error from 34% to 15% within a year.
- Wireframed a chemical inventory location sheet to decrease downtime in production due to constant searching for chemicals.
- Successfully supported and led three analytical method validations and transfers within three months.

EDUCATION

App Academy, Full-Stack Development Online

- Graduated from a highly competitive program with a 3% acceptance rate, completing 1100+ hours of intensive coding.
- Mastered full-stack web development technologies, best practices (TDD and CI/CD), and scalable architecture design.

The University of Georgia, Bachelor of Science in Chemistry - Minor: Spanish Athens, GA