

TAYON WILLIAMS

Full Stack Developer | Software Engineer

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

SUMMARY

Experienced software engineer with a strong foundation in full-stack development and a proven track record of delivering high-quality, scalable solutions. Adept at developing automation frameworks, designing user-centric applications, and leading cross-functional teams to execute Agile-based projects. Founder of a tech startup, showcasing leadership in product innovation and client management. Proficient in React, Python, JavaScript, SQL, and Rust, with expertise in UI/UX design, cloud integration, and data analysis. Committed to continuous improvement and driving efficiency, as evidenced by successful project implementations and contributions to enhancing team productivity by 10%.

PROFESSIONAL EXPERIENCE

AI Software Developer | *Outlier*, Remote September 2024-Current

- Trained advanced AI language models to improve generative AI capabilities, resulting in superior code generation.
- Leveraged strong analytical and creative problem-solving skills to tackle complex challenges and support innovative projects, advancing AI coding capabilities.
- Created high-quality, original responses to prompts to guide and enhance the AI model's outputs.
- Authored and reviewed comprehensive technical documentation while effectively conveying and discussing complex project requirements to ensure alignment and clarity among stakeholders.

Software Engineer (Volunteer) | *telehotwire*, Remote June 2024-Current

- Conducted detailed quality assurance testing, achieving a 96% satisfaction rate from the production team.
- Assisted in the rollout of a new testing protocol, which improved early detection of bugs and reduced post-release issues.
- Supported continuous improvement initiatives which increased team productivity by 10%.

Software Engineer (Volunteer) | *whatIdo.app*, Remote April 2024-Current

- 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.

Founder & Software Engineer | *Men Cry Too*, Atlanta, GA July 2023-Current

- Engineered a tech startup generating \$5,000+, overseeing client interactions, requirements gathering, and solution architecture.
- Directed a cross-functional team of 4, delivering Agile-based solutions to clients. Focused on UI/UX, business strategy, and product innovation for optimized performance.
- Developed cross-platform CRUD applications using React and Python/Flask/SQLAlchemy, with CI/CD pipelines and version control, improving development efficiency and application reliability.

PROJECTS

MCT, *Full Stack Developer* - React.js | Docker | Python | Flask | SQLAlchemy | AWS S3 | PostgreSQL | Figma | Technical Design [Live](#) | [Repo](#)

- Designed a full-stack app where the user can join groups, attend events, create a profile with issue-specific tags, and post sharing using full CRUD operations to ensure a perfect user experience.
- Incorporated AWS S3 for a seamless user experience (UX) of real-time communications of chatting and photo-sharing.
- Enhanced the application's efficiency, dynamism, and maintainability by 30% utilizing React Router DOM loaders and actions as a streamlined alternative to Redux.

Ravenhood, *Full Stack Developer* - React.js | Redux.js | Python | Flask | SQLAlchemy | AWS S3 | yfinance API | PostgreSQL | Code Review [Live](#) | [Repo](#)

- Leveraged the yfinance API to import and seed real-time stock data allowing the construction of the entire site for user accounts.
- Developed a full-stack app with React/Redux frontend and Flask/SQLAlchemy backend for efficient data synchronization.
- Coordinated project utilizing Kanban methodology within a team to effectively organize tasks, track progress, and ensure timely completion of all required features, resulting in a fully functional and optimized web application.

EDUCATION

App Academy, *Software Engineering*

Online

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

Athens, GA

SKILLS

Technical Skills: React.js, Redux.js, JavaScript, Swift, HTML, CSS, Node.js, Express.js, PostgreSQL, SQLite, Python, AWS S3, AWS EC2

Relevant Skills: Computer Science, RESTful API, Docker, Data Analysis, Critical Thinking, Technical Design, Object Oriented Programming