

# TAYON WILLIAMS

## Full Stack Developer | Software Engineer

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### 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

#### 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

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- 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.

#### OhThePlacesWeWillGrow, *Full Stack Developer* - React.js | Redux.js | Express.js | Sequelize | AWS S3 | SQLite | PostgreSQL | Postman

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- Implemented custom user authentication utilizing BCrypt Hashing Function on the backend and React Auth Routes on the frontend to prevent storage of plain text passwords and restrict access to user specific data and features.
- Initiated RESTful APIs to facilitate seamless communication between the client-side and server-side of the application.
- Analyzed data using SQLite, demonstrating ability to work with SQL databases and perform data analysis.
- Utilized CSS and Material-UI to create a visually appealing and responsive user interface.

### 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