

TAYON WILLIAMS

Full Stack Developer | Software Engineer

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SUMMARY

Graduate Software Engineer specialized in software development and quality assurance. Experienced in developing a Chai Test Automation Framework and founding a tech startup for Agile-based solutions. Developed scalable test automation for cost-effective operations. Engineered cross-platform applications and directed a cross-functional team to enhance product performance. Aims to drive product innovation and solve customer challenges with technical skills and strategic insights.

PROFESSIONAL EXPERIENCE

Software Engineer | *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 | *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 8 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

MenCryToo, 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.

OhThePlacesWeWillGrow, Full Stack Developer - React.js | Redux.js | Express.js | Sequelize | AWS S3 | SQLite | PostgreSQL | Postman [Live](#) | [Repo](#)

- 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

TECHNICAL SKILLS

Frontend: React.js, Redux.js, JavaScript, Swift, HTML, CSS

Backend: Node.js, Express.js, PostgreSQL, SQLite, Python, Rust, AWS S3

Relevant Skills: Data Analysis, Client Management, Technical Design, Code Review, Pair Programming, Object Oriented Programming, Explain Complex Concepts, Computer Science Fundamentals, Web Development

