TAYON WILLIAMS
Full Stack Developer | Software Engineer

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PROFESSIONAL EXPERIENCE

Quality Assurance Technician | *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 that increased early detection of bugs.
- Supported continuous improvement initiatives which increased team productivity by 10%.

Quality Assurance Technician | *whatIdo.app,* Remote   April 2024-Current
- Orchestrated a Chai Test Automation Framework to facilitate scalability, modularity, reusability, and maintenance to reduce costs.
- Delivered seminal design input and comprehensive quality testing ranging from prerelease to maintenance for an app with 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

PROJECTS

MenCryToo, *Full Stack Developer* **-** React.js | Docker | Python | Flask | SQLAlchemy | AWS S3 | PostgreSQL | Figma | Technical Design   Live | Repo
*The project is currently undergoing a new version to include new features such as the Google Maps API, FastAPI, and Mental Treat API. These additions will provide real-time data, enhancing user access, experience, and efficiency.
- 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.

TECHNICAL SKILLS

Frontend: React.js, Redux.js, JavaScript, Swift, HTML, CSS
Backend: Node.js, Express.js, PostgreSQL, SQLite, Python, Rust
Other Tools and Technologies: Google Maps API, Socket.io, AWS S3, yfinance API, Docker, Postman, Figma, Canva
Relevant Skills: Data Analysis, Client Management, Technical Design, Code Review, Pair Programming, Object Oriented Programming

EDUCATION

App Academy, *Software Engineering*   Online
The University of Georgia, *Bachelor of Science in Chemistry - Minor: Spanish*   Athens, GA

COMMUNITY INVOLVEMENT

All things Javascript: JS, TypeScript, NodeJS, React, Angular, Vue, Svelte, Deno, *Member*   September 2024
Google x Career Karma's Black Genius Academy: A Tech Equity Collective, *Member*   October 2023
UGA Alumni Association, *Member*   May 2017