

# 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

**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.
- Cultivated high-quality, original responses to prompts to guide and enhance the AI model's outputs.

**Freelance Full-Stack Developer**, Atlanta, GA 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.
- Engineered scalable applications, seamless synchronization, and real-time data for optimized user experience.

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

- Engineered a tech startup generating \$5,000+, overseeing requirements gathering, and solution architecture.
- 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](#)

*Devised a dynamic full-stack app for group interaction, event participation, and issue-based networking, featuring photo sharing and commenting.*

- 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 commenting 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](#)

*With a team, we established a full-stack stock trading app with real-time data integration, featuring user accounts, and Kanban-driven team collaboration.*

- 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**, *Full-Stack Development* Online

- Graduated from a highly competitive program with a 3% acceptance rate, completing 1000+ 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

### SKILLS

**Technical Skills:** React, Redux, JavaScript, Swift, HTML5, CSS3, Node.js, Express.js, Sequelize, PostgreSQL, SQLite, Python, AWS, Rust

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