

Tayon Williams

Experienced Full-Stack Developer for hire

I'm a multidisciplinary Software Engineer and Chemist who thrives at the intersection of innovation and impact. With a strong foundation in full-stack development, machine learning, and chemical analysis, I bring a problem-solving mindset backed by real-world experience across diverse sectors. I lead teams, architect scalable systems, and communicate effectively with stakeholders. Whether building SaaS tools, developing LLM models, or improving QC lab workflows, I bring technical depth, creativity, and collaboration to everything I do.

Personal info

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Atlanta, Georgia, USA

<https://tayondw.github.io/>

[LinkedIn Profile](#)

My skills

Primary: React, Redux, JavaScript, TypeScript, WCAG, XSS, CORS, SASS, LLM optimization, Chatbot prototyping, Docker, AWS S3 & EC2

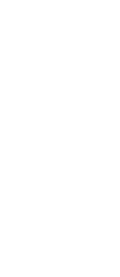
Secondary: HTML5, CSS3, PostgreSQL, Node.js, Rust, Tailwind CSS, Python

Recent role: Technology and Community Engagement Manager

Industries: Healthcare, Ecommerce, Pharmaceutical, Political Advocacy

Languages: English - full working proficiency
Spanish - limited working proficiency

Tayon is a true software development professional. In his work, he combines a broad spectrum of technical skills with a deep understanding of all the business challenges that come with building digital products. He always delivers top-quality code and solutions.



Marlon Bailey

Lead Software Engineer of Ideamotive

Experience

Career

Technology and Community Engagement Manager

BLAC PAC • Full time

2025

Led teams of freelance developers and content writers, managing technical and creative operations.

Led the creation of multiple market analysis whitepapers for use by a startup providing SaaS to construction companies.

Generated detailed proposals, including cost estimates and technical specifications, to meet customers' database requirements.

Web Developer

Ideamotive • Full time

2024 - 2025

Prepared reports, manuals and other documentation on the status, operation and maintenance of the code.

Designed, developed, and unit tested applications in accordance with established standards.

Implemented server integration and database development for a +1M users/monthly e-commerce platform.

Consultant Software Engineer (LLM Training)

Outlier • Part time

2024 - 2025

Debugged and resolved issues related to model training and deployment, ensuring seamless operation and reducing downtime.

Documented workflows and created technical guides to assist team members in understanding model functionalities.

Refactored code.

Full-Stack Developer

Tayon Enterprises • Full time

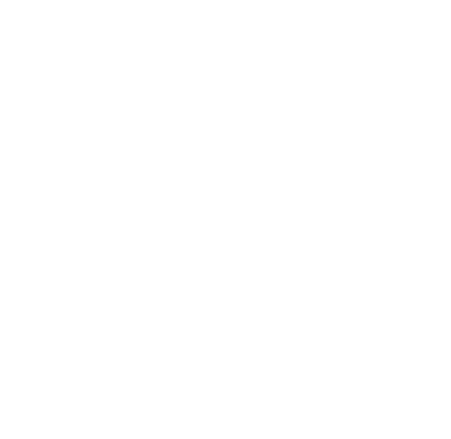
2024 - 2025

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.

Designed React frontends that enabled staff to efficiently debug routing, latency, and GRE tunnels, improving troubleshooting speed.

Featured projects



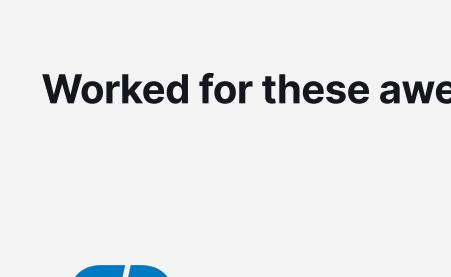
Rust Server Auth-Me

Developed a production-ready authentication system in Rust using Axum framework, PostgreSQL, and Redis caching. Implemented JWT token management, role-based access control, email verification workflows, and comprehensive security middleware including CSRF protection and rate limiting. Deployed with Docker/Kubernetes and CI/CD pipelines supporting horizontal scaling. This project is still ongoing!

Live: N/A

Repo: <https://github.com/Tayondw/rust-server-auth-me>

Technologies: Rust, Axum, Diesel ORM, PostgreSQL, Redis, HTML, JWT Authentication, Docker, Kubernetes, AWS S3, AWS EC2



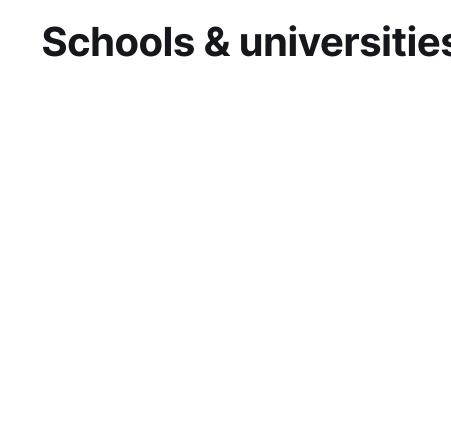
Men Cry Too

Developed a full-stack mental health advocacy platform as a capstone project for App Academy's 24-week program, designed to break stigma around male emotional expression and reduce male suicide rates. Built with Flask backend using SQLAlchemy ORM and PostgreSQL database, implementing secure user authentication and data management. Frontend developed with React and Vite build system for optimized production deployment. Deployed to Render.com with Docker containerization, implementing CI/CD pipeline with auto-deployment from GitHub. Designed comprehensive database schema and created detailed wireframes, user stories, and feature specifications. I plan to continue working on this project to add more features!

Live: <https://mencrytoo.onrender.com/>

Repo: <https://github.com/Tayondw/MenCryToo>

Technologies: React, Redux, TypeScript, JavaScript, TailwindCSS, Python, SQLAlchemy, Flask, AWS S3, SQLite, PostgreSQL, Docker



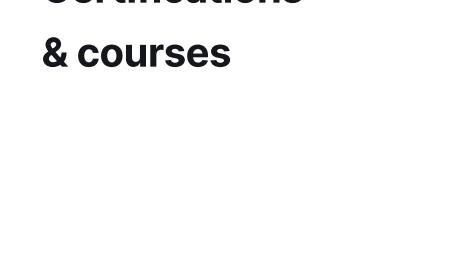
Ravenhood

Collaborated in a team of 4 to build a comprehensive Robinhood clone featuring real-time stock market data for over 500 stocks. Implemented full-stack financial application with user portfolio management, transaction processing (buy/sell orders), and watchlist functionality. Developed secure user authentication system with detailed user profiles including personal and financial information. Built RESTful API architecture supporting portfolio CRUD operations, transaction history tracking, stock data retrieval, and multi-portfolio management with cash balance tracking.

Live: <https://ravenhood-project.onrender.com/>

Repo: <https://github.com/bayodelaoye/ravenhood>

Technologies: React, Redux, JavaScript, Python, SQLAlchemy, Flask, AWS S3, SQLite, PostgreSQL, Docker



Oh, The Places We Will Grow!

Developed a comprehensive full-stack Meetup clone featuring complete CRUD functionality for group and event management. Built with Express.js backend utilizing Sequelize ORM and SQLite database, implementing JWT authentication and Express-Validator for data validation. Frontend developed with React, React Router, and Redux for state management, styled with custom CSS and integrated Google Fonts and Font Awesome icons. Designed and implemented RESTful API endpoints for user authentication, group creation/management, event scheduling, venue management, membership systems, and attendance tracking with role-based authorization (organizers, co-hosts, members).

Live: <https://ohtheplaceswewillgrow.onrender.com/>

Repo: <https://github.com/Tayondw/OhThePlacesWeWillGrow>

Technologies: React, Redux, JavaScript, Express.js, Sequelize, SQLite, PostgreSQL, AWS S3

Worked for these awesome companies:



Education

Schools & universities

Software Engineering Bootcamp | App Academy

2024 • Full time

Graduated from a highly competitive program with a 3% acceptance rate, completing 1100+ hours of intensive coding.

Mastered full-stack web development technologies, best practices (TDD and CI/CD), and scalable architecture design.

HTML5/CSS3, JavaScript (React, Redux), Python

BSc. Of Science in Chemistry | The University of Georgia

2017 • Full time

Certifications & courses

Rust Fundamentals (Duke University/Coursera)

HTML and CSS in Depth (Meta/Coursera)

Version Control (Meta/Coursera)

Programming with JavaScript (Meta/Coursera)

Introduction to Generative AI (Google/Coursera)

Do you like my profile? Reach out!

I am waiting for the next challenge.

Hire me