TAYON WILLIAMS
Full-Stack Developer | Software Engineer | AI Software Developer | Prompt Engineer
864-337-1201 | tayondw@gmail.com | LinkedIn | GitHub | Portfolio

SKILLS

Languages: *(proficient)*: JavaScript, Python, HTML5/CSS3, SQL, *(familiar)*: Rust, Swift
Technologies: *(proficient)*: Docker, AWS, JS Frameworks, Python Frameworks, CI/CD

EXPERIENCE

Software Engineer (LLM Training Expert) | *Consultant for Outlier AI*, Remote   *September 2024-Current*
- Developed and optimized machine learning models using JavaScript/Python/Swift/Rust, increasing accuracy.
- Debugged and resolved technical issues related to model training and deployment.
- Documented workflows and created technical guides to assist team members in understanding model functionalities.

Full-Stack Developer | *Freelance*, Remote   *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.
- Migrated from an inherited PHP server to Node/Express + JavaScript.
- Designed React frontends enabling support staff to debug routing, latency, and GRE tunnels in internal and external networks.

Software Engineer Intern | *what i do*, Remote   *April 2024-November 2024*
- 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.

Founding Engineer | *Men Cry Too*, Remote   *July 2023-September 2024*
- 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.
- Wrote the entire platform's backend using Flask to support all business logic, handling 50+ users.

PROJECTS

MCT   Live | Repo
- Designed a full-stack app where users 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.
- Utilized: React, Docker, Python, Flask, SQLAlchemy, AWS S3, PostgreSQL, Figma

Ravenhood   Live | Repo
- 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.
- 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.
- Utilized: React/Redux, Python, Flask, SQLAlchemy, AWS S3, yfinance API, PostgreSQL

Oh, The PlacesWe Will Grow!   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.
- Designed a custom error page using React Router to dynamically render server error messages and status codes.
- Utilized: React/Redux, Express, Sequelize, AWS S3, SQLite, PostgreSQL, Postman

EDUCATION

App Academy, *Full-Stack Development*   Online
- 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.

The University of Georgia, *Bachelor of Science in Chemistry - Minor: Spanish*   Athens, GA