

TAYON WILLIAMS

Full Stack Developer | Software Engineer

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TECHNICAL SKILLS

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

Backend: Node.js, Express.js, Sequelize, SQL, PostgreSQL, Python, SQLAlchemy

Other Tools and Technologies: Google Maps API, Socket.io, AWS S3, yfinance API, Docker, Git, Flask, Alembic, Postman, Figma, Canva

Relevant Skills: Data Analysis, Client Management, Technical Design, Code Review, Pair Programming, Object Oriented Programming

PROJECTS

MenCryToo, Full Stack Developer - React.js | Docker | Python | Flask | SQLAlchemy | AWS S3 | PostgreSQL | Figma | Technical Design [Live](#) | [Repo](#)

**The project is currently being updated 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 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 for a seamless user experience (UX) of real-time communications of chatting and photo-sharing.
- Enhanced the application's efficiency, dynamism, and maintainability 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.

MANAGEMENT EXPERIENCE

Senior Sales Manager | Orakel Marketing, Columbia, SC

August 2019-June 2020

- Collaborated with senior leaders to promote marketing materials and scale Internet services' prices and usage, leading to month over month organic growth on internet and cable services by 84% and 24%.
- Managed a sales team of ten and secured three accounts in one week with revenue of \$10,000 total.
- Developed strategies involving competitor analysis for services, leading to an increase of sales to 50+ clients per month.

WORK EXPERIENCE

Quality Control Chemist III | Element Materials Technology, Santa Rosa, CA

April 2022-December 2022

- Refactored maintenance of QC SOPs, test methods, analytical validations, reference standard qualification, and stability studies.
- Supervised qualification and calibration of analytical equipment and/or approval of calibration results.
- Designed and developed a spreadsheet to record the consumption, purpose, and location of reference standards for maintenance.

EDUCATION

App Academy, Software Engineering

Online

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

Athens, GA

COMMUNITY INVOLVEMENT

Google x Career Karma's Black Genius Academy: A Tech Equity Collective, Member

October 2023

Men Cry Too, Founder

July 2023

UGA Alumni Association, Member

May 2017