Syscily Brown

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Full-Stack Developer with a solid foundation in software development, programming languages, and problem-solving. Demonstrated teamwork and collaboration skills in fast-paced, Agile environments, contributing to the success of cross-functional teams. Passionate about staying up-to-date with emerging technologies and best practices, with a strong commitment to continuous learning and professional growth. Seeking an opportunity to leverage my technical expertise and contribute to innovative projects in a challenging and dynamic work environment.

KEY SKILLS

- Javascript
- Python
- React
- Cloud Computing
- HTML
- CSS
- SQL
- Problem Solving
- Continuous Learner
- TypeScript
- REST API
- Agile Methodologies

CERTIFICATIONS

AWS: *Certified Cloud Practitioner, July 2023*
AWS: *Certified Solutions Architect (In Progress)*

SELECTED PROJECTS

Gaming Hub | GitHub | Live Demo
Empowering gamers to effortlessly discover, manage, and explore favorite games. A popular full-stack web app attracting a thriving community with features such as:

- **Responsive Design**
  - Implemented responsive design for an optimal user experience across various devices.
- **Game Discovery & Management**
  - Utilized rawg.io API for easy access to detailed game information.
  - Streamlined organization of favorite games for a personalized gaming experience.
- **Chakra UI for Intuitive Interface**
  - Crafted an intuitive, visually engaging interface with Chakra UI.
  - Introduced customizable UI components for enhanced user satisfaction.
- **Technologies**
  - TypeScript, Node.js, Express, rawg.io API

NutriRecipe | GitHub
A full-stack web app enabling users to easily search and save recipes based on ingredients and macronutrients. With features like:

- **Responsive Design**
  - Designed a clean and modern UI with Bootstrap, improving user engagement and satisfaction.
- **API Integration**
  - Integrated Spoonacular API into the server-side using Python, Flask, PostgreSQL, Axios, and Restful API for customizable recipe options.
- **Optimized Data Storage**
  - Utilized SQLAlchemy for streamlined data storage and retrieval, enhancing application efficiency.
- **Secure User Authentication**
  - Implemented Bcrypt hashing for secure user authentication, ensuring data protection

and user confidence.
- **Technologies**
  - Python, Flask, PostgreSQL, Axios, SQLAlchemy, Bootstrap, Jinja, Spoonacular API

PROFESSIONAL EXPERIENCE

The Transparent Salary Project   **July 2023 – Present**
Full Stack Developer
- Collaborating with a dynamic team to develop a groundbreaking app aimed at empowering underserved populations to kickstart careers in technology.
- Leveraging WordPress to build a robust and user-friendly backend infrastructure for seamless app functionality.
- Employing a Full Stack skill set to handle both server-side and client-side development aspects.
- Integrating innovative features and ensuring a smooth user experience to bridge the gap in technology career opportunities.

District of Columbia Public Schools   **July 2021 – Present**
STEM Teacher
- Designed and implemented engaging and interactive lesson plans, focused on developing critical thinking and problem-solving skills
- Demonstrated exceptional written and verbal communication skills, facilitating seamless coordination with both internal and external teams.
- Identified the ramifications of new information for present and future problem-solving and decision-making scenarios
- Applied data analysis and visualization tools to evaluate students' progress and tailor teaching approaches, leading to notable performance improvements of up to 35%
- Fostered and nurtured strong, personalized relationships with a diverse range of stakeholders, including students, parents, and colleagues, offering tailored support and guidance as required

New York City Charter Schools   **June 2015 – June 2021**
Lead Teacher, STEM Specialist
- Collaborated with cross-functional teams to design curriculum to to address business challenges effectively
- Facilitated biweekly professional development workshops to support teams with data analysis, resulting in students making an average of 1.75 years' worth of academic growth in one school year
- Employing logical analysis and reasoning to recognize the merits and limitations of different solutions, conclusions, or approaches when addressing problems
- Support teachers in effectively integrating technology tools, software, and resources into STEM lessons to enhance student engagement and learning outcomes
- Explore and recommend new educational technologies, virtual simulations, and hands-on kits to enrich the STEM learning environment

EDUCATION

Springboard: Remote
Software Engineering Bootcamp
Relay Graduate School of Education: New York, NY
Master of Arts in Teaching
Howard University: Washington, D.C.
Bachelor of Science in Human Development, Allied Science Minor