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 (AWS)

- Bootstrap
- Tailwind
- PostgreSQL
- Git Version Control

- TypeScript
- Material-UI
- Agile Methodologies
- Unit/Integration Testing

CERTIFICATIONS

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

SELECTED PROJECTS

NutriRecipe | [GitHub](#) | [Live Demo](#)
A 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 React-Bootstrap, Material-UI, and Splide improving user engagement and satisfaction
- **Recipe Discovery & Management**
  - Leveraged Spoonacular API to provide users with easy access to detailed recipe information.
  - Streamlined the organization of favorite recipes, offering a user-friendly search experience based on ingredients and nutritional requirements.
- **API Integration**
  - Integrated Spoonacular API seamlessly into the server-side using fetch for making HTTP requests, JavaScript for client-side scripting, and React Hook Form for efficient form submissions
  - Utilized RESTful API practices to provide users with customizable recipe options.
- **Technologies**
  - React, JavaScript, React Router, Framer Motion, Spoonacular API

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

PROFESSIONAL EXPERIENCE

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