JANET OLOWE

janetkolowe@gmail.com • (240) 605-5882

www.janetolowe.com • www.linkedin.com/in/janet-olowe-036aa8240/ • www.github.com/janetko

EXPERIENCE

Systems Planning and Analysis, Inc.   Alexandria, VA
Software Developer | Active Top Secret Clearance   Nov 2023 - Present
- Developed Web-based applications using TypeScript, Web Components, Bootstrap, and C# for client SharePoint sites and internal Web applications, improving deployment efficiency and user experience.
- Created and maintained data-intensive analytical tools and simulation models to support decision-making workflows for defense and government clients.
- Collaborated with program managers and development teams to deliver high-visibility, software solutions for internal and external stakeholders.
- Led presentations and training sessions on deliverables to technical and non-technical audiences, driving higher adoption rates of new tools.

Cornell University Food Industry Management Program   Ithaca, New York
Software Development Research Assistant   Sep 2022 - May 2023
- Improved the accuracy of operational decision-making algorithms for Cornell's Supermarket Simulation used by 70+ global executives annually by deciphering and organizing undocumented VBA code.
- Increased simulation performance and maintainability by reprogramming and enhancing the VBA-based simulation in Python, streamlining the workflow for future users.

PROJECTS

3D Personal Portfolio | React JS, Three JS, Tailwind CSS, Framer Motion, Blender | Repository
- Designed and developed a responsive 3D portfolio website using React JS, Three JS, and Tailwind CSS to showcase personal projects and skills, enhancing user engagement through interactive 3D elements.
- Integrated smooth animations and transitions with Framer Motion, and utilized Blender to create custom 3D assets, providing a dynamic and visually appealing user experience.

Disney+ Clone | React JS, Redux, Firebase | Repository
- Developed a dynamic streaming platform replica with React JS, using Redux for state management and Firebase for real-time database functionality, improving data retrieval efficiency.
- Leveraged Styled Components to streamline the styling process and enhance code maintainability.

Munchies | Figma, Swift, UIKit | Repository
- Led frontend development of a campus dining hall review app as part of a three-member team.
- Designed and implemented an intuitive interface, enabling users to review and rate dining halls, improving decision-making.
- Collaborated with backend developers to integrate dynamic content and ensure efficient data retrieval for a seamless user experience.

Oasis | Python, Flask, SQLAlchemy, Google Cloud, Postman, Docker | Repository
- Led backend development for a mental health iOS app, connecting students with support resources.
- Developed secure login authentication to protect user privacy and ensure a confidential environment.
- Deployed the app on Google Cloud, enabling broad accessibility for the user base.

SKILLS

Programming Languages/Frameworks: JavaScript, TypeScript, HTML/CSS, Python, React JS, PostgreSQL, NoSQL, MongoDB, Swift

Technologies: Figma, Git, Postman, Docker, Jira, Microsoft Power Apps, Microsoft Power Automate
Languages: English, Yoruba

INITIATIVES

Rewriting the Code   Sep 2024 - Present
- Participating in mentorship and career development programs for underrepresented women in tech.

Black Code Collective   Aug 2024 - Present
- Knowledge sharing and community outreach initiatives focused on increasing diversity in tech.

The Mamelodi Initiative Math & Programming Instructor   June 2022 - July 2022
- Taught high school students in Mamelodi, South Africa, promoting STEM education in underserved communities.

EDUCATION

Cornell University, *College of Agriculture and Life Sciences*   Ithaca, New York
Bachelor of Science in Interdisciplinary Studies: Focus in Computer Science, Food Science, and Biology   May 2023