

## KAYISHA ULYSSE | SOFTWARE ENGINEER

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I am a creative Software engineer with a passion for design, environment and Web3. I enjoy working in collaborative environments and I am a big advocate for diversity and inclusion of Black and LatinX people into Tech/Web3 spaces.

### SKILLS AND SOFTWARE PROFICIENCIES

JavaScript, Python, Rust, Typescript | PostgreSQL, MongoDB, RESTful Routing, JSON api | React, ReactNative, Next JS, Express.js, Django, Jquery, Jest, Postman, Bootstrap, Tailwind, Framer Motion, Adobe Suite | Highly collaborative, strategic problem solver, strong written and verbal communicator, positive attitude, growth mindset

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### PROFESSIONAL EXPERIENCE

#### Software Engineer - The Opportunity Project | Remote (Contract) 05/2023 - Present

- A 12 week sprint led by the US Census Bureau, the US Department of Commerce, and the FDA, collaborating with a cross-functional team of Software Engineers, UX/UI designers and Data Scientist to develop an application that allows transmission and storage of data from in vitro diagnostic tests while ensuring an optimized user experience
- Conduct thorough testing and debugging of systems, API calls to ensure optimal functionality and performance

#### Community Leader - Litter Token | Remote 10/2020 - Present

- Coordinated prototype solution development and continuous testing with a diverse team, culminating to 30% optimization of data collection and user experience, resulting in a exchangeable cryptocurrency and over 75,000 pieces of litter being picked up globally
- Facilitated user interviews and reviewed feedback to optimize prototype functionality increasing efficiency by 15%

#### Textile Design Assistant - WestPoint Home | NYC, New York - Hybrid 02/2022 - 12/2022

- Completed weekly sprints to develop tech packs for clients and international vendors with daily standups to ensure optimal deliverables are met for production
  - Created mood/concept boards, tested sample qualities, implemented updates and changes, edited and recolored cad artwork, bedmaps, redesigning and styling showroom for upcoming market weeks
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### SOFTWARE DEVELOPMENT PROJECTS

#### Community Test Lab 05/2023 -

*Mobile app that allows users to streamline covid test results to the FDA and US Census Bureau*

- Utilized **APIService** fetch calls to a **PostgreSQL, Express, Node.js backend** and optimized performance of the app by testing **APIService** calls on **Postman, Jest, Insomnia**.
- Utilized crypto for data encryption to optimize security by 75%, **React Native CLI (IOS and Android)** for frontend, **Tailwind** for styling.
- Agile Scrum methodology for project management on Trello

#### Carbon Footprint Tracker 03/2023

*An app that helps you log and track your personal carbon footprint*

- Collaborating with a software engineer in a 1-week sprint created a SPA, utilizing **MERN** stack, with full CRUD operations hitting all **RESTful API** calls.
  - Optimized performance of app by testing API calls on **Postman** resulting in 20 % faster load times
  - Conducted user interviews and implemented feedback optimizing UI by 50% and increasing engagement by 25%
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### EDUCATION

#### General Assembly | Remote 02/2023 - 05/2023

#### Software Engineering Immersive

#### Thomas Jefferson University | Philadelphia, PA 08/2014 - 05/2019

B.S. Interior Design 2014 - 2019