

Sarah Kuss

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Programming Languages: JavaScript | Typescript | Python | C# | HTML | CSS

Technologies: React | React Native | GCP | AWS | Express | MongoDB | SQL | Git | Bootstrap | Docker

PROFESSIONAL SUMMARY

Software engineer with expertise in Agile methodologies and developing web and mobile applications using **React**, **React Native**, and the **MERN** stack. Currently interning as a Web3 Software Engineer, developing a **Typescript**, **React**, and **Solidity**-powered NFT for minting and trading. Proven ability to lead teams with **5+** years in various conservation and management roles. Driven to make a positive impact on the world through technology.

EDUCATION

Boca Code, Software Engineering Career Course (2023)

Boca Raton, FL

North Carolina State University, B.S. Zoology (2018)

Raleigh, NC

PROJECTS

CONSERVATION CONNECT - Full Stack React Web App [LIVE](#) | [REPO](#)

2023

- Front-end development using **React**. Styled using **Bootstrap** and **CSS**. Back-end development using **MongoDB** database and Node/Express RESTful **API**. Deployed **API** with GCP and front-end with **AWS**. Built security with **JWT (JSON Web Token)** for authentication/authorization and **Bcrypt** for password hashing.
- Independently built and designed a web application that showcases lesser-known conservation organizations and educates users about conservation. Users have the ability to login and 'like' organizations.

BOCA CODE INTRANET HACKATHON - Full Stack React Web App

2023

- Collaborated in a hackathon to build the **API** for Boca Code's intranet site. Implemented **full CRUD** functionality, leveraging **Mongoose** to design and manage **schemas**. Conducted comprehensive testing of API endpoints using **Jest Testing** to ensure reliability and functionality. **Typescript/MongoDB/Mongoose**

WATER TRACKER - React Native Mobile App [REPO](#)

2023

- Built a **user-friendly** mobile app with React Native, enabling users to effortlessly track their daily water intake. The app allows users to set and modify their daily hydration goals and provides a **swipe feature** for easily adjusting intake amounts.
- Utilized **React Native** and styled the app with **Native Base**, for a visually appealing and responsive design and user experience.

LUNCH SPOT - React Native Mobile App [REPO](#)

2023

- Developed a **React Native** mobile app for finding local restaurants, seamlessly integrating **API** calls and **Google** reviews to provide **users** with real-time data and informed dining choices.
- Implemented stack and swipe navigation and a **user-friendly interface**, optimizing app performance and ensuring an engaging and **intuitive experience for users**.

WORK EXPERIENCE

Web3 Software Engineer Intern at Boca Code Labs

Boca Raton, FL | Jun 2023 - Present

- Developing a **Typescript**, **React**, and **Solidity**-powered, and women-led **NFT** called "Mythical Buddies."
- Working with **13+** software engineering students helping to develop learning processes and effective debugging techniques.

Zookeeper II at Lion Country Safari

Loxahatchee, FL | Feb 2021 – Jan 2023

- Proactively established and drove the adoption of a structured framework for daily meetings, fostering collaboration, alignment, and improved workflow efficiency among team members. This initiative resulted in enhanced task prioritization, streamlined communication, and a **100%** increase in overall team productivity.
- Managed a diverse primate population, including **17** chimpanzees and **2** white-handed gibbons, ensuring their well-being and meeting their specific dietary and environmental needs.
- Consistently provided **20+** written reports monthly and participated in daily oral discussions with management and coworkers, ensuring smooth information flow and alignment across the team.

Animal Care Manager at Petco

Rochester, NY | Feb 2019 – Dec 2020

- Engaged with **100+** customers daily, providing advice and support in pet care, resulting in a **50%** increase in daily revenue.
- Trained and mentored a team of **5** animal care specialists, conducting monthly performance evaluations and achieving an average improvement of **15%** in their knowledge and skills.
- Maintained accurate animal inventory records, achieving a **100%** compliance rate in documenting health checks and treatments.

VOLUNTEERING

South Florida Tech Hub, Event Staff for Tech Networking Events (Present)

Boca Raton, FL

Panther Ridge Conservation Center, Animal Care and Tour Guide

Loxahatchee, FL