

John Wanis

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Permanent Work Authorization • No Visa Sponsorship Required

Software Engineer

[Portfolio](#) [LinkedIn](#) [Github](#)

SKILLS

JavaScript, React.js, Redux, HTML5, CSS3, PUG, Jinja, SQLAlchemy, Sequelize, PostgreSQL, Python, Node.js, Express.js, Flask, Heroku, Git, APIs, Docker.

WORK EXPERIENCE

Frontend Developer - *African Marine Mammal Conservation Organization (AMMCO)*

July 2022 - current

- Participate in the initial wave of developers utilizing ReactJS library to create application frontend
- Test, debug, and ship 10s of 1000s of lines of code to various development teams.
- Introduced Kanban Board style ticketing system to promote highly efficient asynchronous and synchronous work, increasing efficiency by 12%.
- Utilize HTML, CSS, and JavaScript to create responsive landing pages for both company and client.
- Maintain graphic standards and branding throughout the product's interfaces.
- Work in an agile environment with weekly stand-ups, keep track of user stories/bugs in GitLab projects, and conduct 2 hours of sprint planning and sprint retrospectives per week.
- Pair programmed with 3 engineers, and review the team's code to provide additional perspective and catch previously missed errors.

TECHNICAL EXPERIENCE & PROJECTS

sidewalk-surfers | *Full Stack Project (React / Redux , Flask / Python , PostgreSQL , JavaScript , HTML5 / CSS3)* [live](#) | [github](#)

- Leveraged the **Google Maps API** to accurately display the skateboarding spot's location on the home page.
- Implemented **3** unique CRUD abilities for spots, posts, and comments using **React**.
- Created a component for an Instagram-like post facilitating replication bypassing the post information.
- Mitigated bugs and prevented technical debt accumulation by using a **git** workflow and **kanban** board to prevent merge conflicts and ensure timely deployment.

gotahome | *Full Stack Project (React / Redux , Flask / Python , PostgreSQL , JavaScript , HTML5 / CSS3)* [live](#) | [github](#)

- Built CRUD functionality for user interactions through custom transactional database operations with **PostgreSQL**.
- Improved **UI/UX** by integrating **Google Maps API** to dynamically present locations based on user input parameters.
- Designed a weighted search algorithm that initially displays the category with the most results and orders items based upon the relevance of the search query.

Jovero | *Full Stack Project (React / Redux , Express , PostgreSQL , JavaScript and HTML5 / CSS3)* [live](#) | [github](#)

- Utilized **Redux** architecture's unidirectional data flow with **React** for predictable state and reliable DOM rendering.
- Ensured user privacy and autonomy through frontend and backend authentication measures, allowing users to only access and make changes to data based on associated roles and permissions.
- Enhanced user engagement by implementing custom search functionality using **Redux** to allow the user to easily find specific listings based on unique input.
- Automated **Heroku** pipeline with **Github** actions to apply the best practices of CI/CD, to speed up the process and fill the gap between development and operation activities.

EDUCATION

[AppAcademy](#) - *Full Stack Software Engineering*

2021

- Relevant coursework includes: Object Oriented Programming (OOP), Test Driven Development (TDD), Coding Best Practices, Systems Design & Architecture, Data Structures, Algorithms, Agile/SCRUM Methodologies

[Ain Shams University](#) - *Bachelor's Degree in Accounting and Finance*

2002-2006