Cosmas Wasswa

FULL STACK WEB DEVELOPER

cosywas@gmail.com | [GitHub](https://github.com/cosywasswa) [| Linkedln](https://www.linkedin.com/in/cosmas-wasswa)  | [Portfolio](https://cosmas-portfolio.onrender.com/)

**SUMMARY**

Motivated full-stack web developer dedicated to creating user-friendly and visually appealing digital experiences. Experienced in pair programming and adept at collaborating remotely with teams. Skilled mentor with the proven ability to motivate, educate, and manage junior developers. Fluent in Ruby on Rails, React, and Javascript.

**SKILLS**

**Front-end:** JavaScript(intermidiate), React(intermidiate), Redux(intermidiate), HTML5(Advanced), CSS3(Advanced) Tailwind CSS(intermidiate)

**Back-end**:Ruby, Rails, PostgreSQL, MVC, SQL, capybara, r-swag, devise

**Tools & Methods**: VS code, Git, GitHub, Mobile/Responsive Development, TDD, Chrome Dev Tools, Render, Netlify, EmailJS, Figma, jest

**Professional:** Remote Pair-Programming, Teamwork, Mentoring, Problem-solving, Communication, Critical thinking, Attention to detail.

**EDUCATION**

MICROVERSE April 2023 – Nov 2023

**Remote Full Stack Web Development Program, Full-Time**

* Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with JavaScript, React, Redux, Ruby, and Ruby on Rails
* Developed skills in remote pair programming using GitHub, industry-standard Git flow, and daily standups to communicate and collaborate with international remote developers
* Mentored 8 junior developers by giving technical support, guidance, and suggestions for improved code quality

UNIVERSITY NAME Jan 2015 – Nov 2018

**Bachelor in Computer networks and Systems Administration**

* Learned data structures and algorithms, project management, computer architecture, programming languages, Linux, software engineering, design analysis of algorithms, and Windows client-server
* Completed a comprehensive network infrastructure upgrade project during an internship at Nile Breweries Ltd and this improved network connectivity and security

BUSITEMA COLLEGE July 2006 – Aug 2008

**Diploma in Mechanical Engineering**

**EXPERIENCE**

HIGHLIGHTED PERSONAL PROJECTS Remote 2023– Present

**Full Stack Web Developer**

Mastering intermediate and advanced topics in full-stack development ( Git, and DS&A challenges) while building 30+ Full-stack, Front-end, and Back-end projects independently and via pair programming

**BookItNow -** Full-stack Doctor Reservation web application.

* Built with: (Ruby on Rails, React, Redux, API, PostgreSQL)
* Visit-site: [Live Demo](https://bookitnow-app.onrender.com/)
* Visit-GitHub: [Source](https://github.com/cosywasswa/BookItNow-front-end)

**BudgetBuddy** **-** BudgeBuddy is a fully functioning website that allows a user to fully manage his/her expenses by keeping track of all payments and their related categories. For each category, the user can see how much is already spent. A user can add categories and payments related to one or more categories

* Built with: (Ruby on Rails, React, PostgreSQL, Devise, CanCanCan)
* Visit-site: [Live Demo](https://budget-buddy-a5k3.onrender.com/)
* Visit-source: [Source](https://github.com/cosywasswa/Budget-Buddy)

**Bookstore -**  Bookstore is a React and Redux website that allows users to add a book to the list, display a list of books, and remove a book from the list. The website makes use of API using the Axios library

* Built with: (React, Redux, API)
* Visit-site: [Live Demo](https://bookstore-app-7x8z.onrender.com/)
* Visit-GitHub: [Source](https://github.com/cosywasswa/Bookstore-React)

**ToDo List** — A Front-end application that allows users to create their Todo list, mark ToDo’s as done, and delete Todos

* Built with: (JavaScript, HTML, CSS, and Webpack)
* Visit-site: [Live Demo](https://cosywasswa.github.io/To-Do-List/dist/)
* Visit-GitHub: [Source](https://github.com/cosywasswa/To-Do-List)

**Leaderboard** — Web application for displaying top players in a game. The user inputs the player name and scores and gets displayed on the board

* Built with: (JavaScript, HTML, CSS, Webpack, API)
* Visit-site: [Live Demo](https://cosywasswa.github.io/Leaderboard/dist/)
* Visit-GitHub: [Source](https://github.com/cosywasswa/Leaderboard)

NILE BREWERIES LTD Mbarara, Uganda

**Energy and fluids Artisan** Jan 2015 – Dec 2022

* Won employee of the month due to improvements I made to the Production reporting system by identifying repetitive data inputs that were causing duplications. This increased accuracy in usage reports
* Excelled in innovative problem-solving, good communication, and attention to detail, demonstrated by successfully leading a project to optimize Heavy Fuel Oil (HFO) consumption in the boiler system, resulting in a 15% reduction in fuel usage while maintaining consistent steam generation