**WINIFRED NAKAWUNDE**  
[nakawundewinifred@gmail.com](mailto:nakawundewinifred@gmail.com) I +256 783100141

https://github.com/NAKAWINIFRED

https://winifred-portfolio-puce-psi-91.vercel.app

**Entebbe, Uganda**

**PROFESSIONAL SUMMARY**

Skilled **Software Developer** with experience in **front-end** and **back-end** systems development. Expertise in **JavaScript**, **Express**, **Node**, **React**, **Mongodb**, and **Postman** for building scalable, high-performance applications. Strong problem-solving skills, with a focus on delivering efficient solutions to complex issues. Passionate about staying current with new technologies, following best practices, and working collaboratively within cross-functional teams.

**Technical Skills**

* **Programming Languages**: JavaScript (Intermediate)
* **Frameworks & Libraries**: Node JS, Express, React, Bootstrap, NextJS, Tailwind css
* **Database Management**: PostMan, Mongodb, postgresql
* **Version Control**: Git, GitHub
* **Tools & Technologies**: Docker, Vite, Cypress, Prisma, Trello
* **UI/UX**: Responsive Design, Figma (Intermediate), Html (Intermediate), CSS(Intermediate)
* **Development Practices**: Agile (Scrum), Continuous Integration (CI), Continuous Deployment (CD)
* **Testing**: Cypress

**Soft Skills**

* Effective Communication
* Problem-Solving & Critical Thinking
* Leadership & Team Collaboration
* Time Management & Organization
* Adaptability & Continuous Learning

**PROFESSIONAL EXPERIENCE**

**Software Engineering Apprentice**  
*Refactory Academy, February 2024 – December 2024*

**Project 1: CIU (Online Examination Management System)**

**Technologies**: Prisma, NestJS, Docker, Cypress, Vite, React JS

* + Led **Frontend development** using **React js** to create a smooth interface.
  + **Containerized** the application with **Docker** for consistent environments across development, staging, and production.
  + Developed a **responsive UI** with **Vite**, ensuring cross-device compatibility.
  + Implemented **end-to-end testing** using **Cypress**, improving application reliability.
  + Designed **CI/CD pipelines** to automate testing and deployment, reducing manual errors.
  + Enhanced system performance, reducing report generation time by **30%**.

**Project 2: DayStar DayCare Website**

**Technologies**: Node, Express, Bootstrap, Mongoose,

* + Developed a user-friendly, **responsive website** using JavaScript for backend and **Pug and css** for frontend design.
  + Conducted **cross-browser testing**, ensuring functionality across multiple browsers (Chrome, Firefox, Safari).
  + Optimized website load time by **15%**, improving performance through caching and image compression.
  + Enhanced user engagement through improved **UI/UX design** and simplified navigation.

**Project 3: Personal Portfolio Website**  
**Technologies**: Nextjs, tailwind Css

* + Developed a **responsive portfolio website** to showcase technical skills, projects, and achievements.
  + Ensured a **consistent design** and optimized performance across all devices for an engaging user experience.
  + Implemented interactive features using Next js, enhancing user engagement and project visibility.

**Education**

**Advanced Certificate in Software Engineering** *Refactory Academy | June 2024 – December 2024*

**Certificate in Software Engineering** *Refactory Academy | February 2024 – June2024*

**Languages**

* **English** (Fluent)
* **Luganda** (Native)

**References**

1. **Ms. Dorothy Oyella**  
   Placements Lead, Refactory Academy  
   [doyella@refactory.academy](mailto:doyella@refactory.academy) I +256772122523
2. **Mr. Ivan Koreta Katumba**  
   Apprenticeship Lead, Refactory  
   [ikkatumba@refactory.academy](mailto:ikkatumba@refactory.academy) I +256758858517
3. **Mr. Jackson Ssenengo**  
   Technical Lead, Refactory Academy  
   [Jssenengo@refactory.academy](mailto:Jssenengo@refactory.academy) I +256756433611