



# PROVIDENCE UYITONNYEHO

I am a dedicated and innovative software developer with a passion for creating efficient and scalable solutions. With a solid background in both front-end and back-end development, I specialize in building dynamic and responsive web applications. My technical expertise includes languages such as PHP, Python, JavaScript as well as frameworks like Django and React. Additionally, I have a very enthusiastic interest in exploring the intersection of Artificial intelligence (AI) and human interaction, pointing on boosting innovative solutions that enhance users experience and accessibility.

## SOFTWARE DEVELOPER



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Kigali, RWANDA

## LANGUAGES

English

Kinyarwanda

French

## CERTIFICATE & ACHIEVEMENT

- Legacy JavaScript Algorithms and Data structures || FreeCodeCamp
- Data Analysis Fundamentals || Udacity
- Ai Career Essentials || ALX
- What is Generative AI? || Linkedin
- Full-Stack Developer MERN Stack || PLP Academy

## SOFT SKILLS

- Teamwork & Leadership
- Critical Thinking
- Time Management
- Effective Communication

## EDUCATION

### Bachelor of Computer Application - Specialization of Artificial Intelligence

Koneru Lakshmaiah Education Foundation, india || 2022 - 2025

### High School Diploma

Ecole Technique Saint KIZITO SAVE,Rwanda-Gisagara || 2018-2021

## PROJECT EXPERIENCE

### Nkundumurimo Online store

High school Project (PHP, Html, CSS, Bootstrap, MYSQL)

- This project is performing all CRUD operations in PHP, it is responsive and well designed, it also has session, Generate Report for the Import and export products (daily, weekly, monthly).

### Streamed application on Bank marketing dataset

- Developed a predictive model using Random Forests to classify customer responses to a bank's marketing campaign
- Achieving strong accuracy with optimized F1-score and ROC-AUC.

### E-commerce Platform

- Built an online store with product browsing, cart, discount codes, checkout, and invoicing
- Integrated product recommendations and Multilanguage support. Utilized Django sessions, Celery for asynchronous tasks, and RabbitMQ with Flower for monitoring.

## SKILLS

### Programming Languages

- Python
- JavaScript
- PHP
- Java
- C & C++

### Web & Frontend Development

- HTML & CSS
- Bootstrap
- Tailwind CSS
- React
- Express.js
- Django

### Databases & Data Tools

- SQL
- MongoDB
- DBMS
- Power BI

### DevOps, Tools & Platforms

- GitHub
- Docker
- Kubernetes

### Artificial Intelligence & Machine Learning

- Machine Learning
- Deep Learning

### Design & Prototyping

- UI/UX Design (Figma)

## HOBBIES

CODING

READING BOOKS

PLAYING TENNIS

## PROJECT EXPERIENCE

### Emotion Recognition from Speech

- Developed an emotion recognition model using the Toronto Emotional Speech Set during an ML internship at CodeAlpha. Leveraged deep learning techniques to classify emotions such as happiness, anger, and sadness from audio data. Enhanced model accuracy through advanced feature extraction and preprocessing, demonstrating expertise in speech processing and emotion detection.

### Rice Crop Disease using few shot Learning

- Developed a machine learning model to detect rice crop diseases using Few-Shot Learning techniques
- Utilized transfer learning and CNN-based architectures to improve generalization on small datasets.
- Collected and preprocessed image data of various rice diseases, achieving efficient and scalable performance.
- This project aimed to support early detection and precision agriculture, demonstrating practical applications of AI in agriculture and proficiency in advanced deep learning methods.

### Newspaper Article Website

- Designed and developed a dynamic newspaper website using PHP, ensuring full responsiveness and seamless usability across all devices. Collaborated with a team member to integrate user-friendly layouts and templates, enhancing the readability and visual appeal of news articles. Technologies Used: PHP, HTML, CSS, JavaScript, MySQL, Bootstrap .

### Developed a full-featured E-learning platform using Django

- Implemented a custom Content Management System (CMS) to manage modules and course content.
- Designed flexible, reusable models supporting polymorphic content using model inheritance and custom model fields.
- Built authentication views for secure access and implemented content ordering features for courses and modules.
- Created data fixtures to preload sample content efficiently.
- Employed HTML and CSS for frontend design, ensuring responsive and user-friendly interfaces.
- Gained hands-on experience with advanced Django model techniques, authentication, and content structuring applicable to scalable web applications.