



# KING DAVID MAZIMPAKA

Software Engineer with solid skills in machine learning, full-stack, and mobile app development. I specialize in building modern, AI-integrated solutions that turn complex data into clear, actionable insights. With a passion for using technology to drive smarter decisions, I focus on creating tools that are not just functional, but genuinely impactful.



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Kigali City, Rwanda



[kingdavidmazimpaka.com](http://kingdavidmazimpaka.com)

## SKILLS

- Leadership
- Design Thinking
- Python
- Fullstack Development
- Problem-Solving
- Computer Literacy
- LLMs
- Generative AI
- Machine Learning
- Cloud Computing with Azure

## EDUCATION

### B.Sc. in Software Engineering

African Leadership University

2022 - 2025

### High School

World Mission High School

2017 - 2019

## LANGUAGE

English - C1

French - B2

Swahili - B2

## EXPERIENCE

### WEB DEVELOPER

Chuchu Softies

Jan 2024 - October 2024

- Designed, developed, and maintained user-friendly websites and web applications, ensuring responsive design, functionality, and seamless user experience.
- Implemented a content delivery network that improved website loading times.

### DATA ANALYST INTERN

IntelHp

March 2024- Aug 2024

- Implemented and analyzed advanced evaluation metrics, including precision, recall, F1-score, and confusion matrix, to enhance model performance insights.
- Working on Azure services such as Virtual Machines, Azure Functions, Azure DevOps, and Azure Blob Storage. I've also used Azure Active Directory for authentication and basic role management

### BACK-END DEVELOPER INTERN

Gao Tek Inc

Sep 2023- Dec 2023

- Utilised version control systems, such as Git, for effective source code management and team collaboration.
- Monitored and optimised server performance, ensuring high availability and minimal downtime for critical applications.

## HOBBIES & INTERESTS

- Volunteering in Youth and Children Activities.
- Divinity Studies.
- Fitness and sports.
- Healthtech and Entrepreneurship
- IoT and Data-Driven Innovations

## CERTIFICATIONS

- Basic Drone Controlling
- Python robot controlling
- ALX Virtual Assistant
- ALX Founder's Academy

## REFERENCES

### Mwisenera Honore

- **Company:** Kasha Rwanda
- **Email:** honore@kasha.co
- **Phone:** +250 781 549 903

### Ray Franklin

- **Company:** Branches Business
- **Email:** info@branchesbusiness.com
- **Phone:** +250 798 695 813

## STOCK MARKET ANALYST

PAPAA Construction Group

March 2021 - May 2022

- Research companies in the field of interest
- Conduct fundamental and financial analyses based on current market trends
- Build models to predict the day-to-day and future performance of stocks
- Collaborated with a team of analysts to share insights and refine investment strategies.

## SOFTWARE DEVELOPMENT INTERN

Algorithm Inc.

Oct 2018 - Feb 2019

- Understand the running system and make an edit in the unit testing System
- Supported the maintenance of legacy systems, ensuring compatibility and continuous operation.
- Documented all phases of the software development lifecycle, ensuring transparency and effective communication among team members.