

# Wabwire Linus

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## Summary

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Highly skilled AI Engineer with a robust background in full-stack development, specializing in AI-driven web applications. Proven expertise in deploying machine learning models using TensorFlow and PyTorch, and building scalable systems on cloud platforms like AWS and GCP. Adept at integrating agile methodologies with AI innovation to deliver data-centric, user-focused solutions. Demonstrated ability to lead collaborative teams and drive project success, with a strong commitment to continuous learning and professional development.

## Skills

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- Programming Languages: JavaScript (ES6+), Python, C++
- Frameworks & Libraries: Node.js, React, Next.js, Django, TensorFlow, PyTorch, Hugging Face API
- Databases & API Management: PostgreSQL, REST APIs, AWS GraphQL
- Testing & DevOps: Mocha, CI/CD, AWS, Docker, Git, GitHub, Firebase Tools
- Cloud Platforms: AWS, GCP
- Methodologies: Agile, Problem-Solving, Collaborative Teamwork

## Experience

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### AI Engineering Intern

- GDG on Campus Maseno University | Maseno, Kenya | Jan 2023 – Present
- Developed and deployed AI models using TensorFlow and PyTorch, enhancing web application functionalities.
- Collaborated with cross-functional teams to integrate AI-driven features into full-stack applications.
- Utilized agile methodologies to manage project timelines and deliverables, ensuring timely project completion.
- Contributed to the development of scalable systems on AWS and GCP, improving application performance and reliability.

## Education

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### Bachelor's Degree in Information Communication and Technology Management

- Maseno University | Kisumu, Kenya | 2021
- Completed coursework in AI, machine learning, and full-stack development, earning a strong academic record.

### Certificate of Secondary Education

- Getembe Secondary School | Kisii, Kenya | 2016 – 2020

## Projects

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### Learn Io Backend

- Technologies: Node.js, GitHub
- Developed a robust backend system for the Learn Io project, enhancing data management and user interactions.
- Repository: [Learn Io Backend](#)

### AIRES-SYS-BACKEND

- Technologies: ReactJS, Django, PostgreSQL, Hugging Face API, Mistral-7B Instructive Model
- Built a full-stack AI web application, leveraging advanced AI models to deliver innovative solutions.
- Repository: [AIRES-SYS-BACKEND](#)

### AIRES-SYSTEM

- Technologies: ReactJS, Django, PostgreSQL, Hugging Face API
- Created a comprehensive system for AI-driven applications, focusing on scalability and performance.
- Repository: [AIRES-SYSTEM](#)

### Enactus AI Farming Assistance Web App

- Technologies: ReactJS, Django, PostgreSQL, Hugging Face API
- Developed a web application to assist in AI farming, utilizing advanced AI techniques to improve agricultural practices.
- Repository: [Enactus AI Farming Assistance](#)

## Certifications

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- Nvidia Deep Learning Institute (In Progress): Certificates in Mechatronics, Robotics, and Automation Engineering
- AI & Machine Learning: Machine Learning algorithms (classification, regression, clustering), deep learning frameworks (TensorFlow, PyTorch), data preprocessing, model training, evaluation, fine-tuning, NLP techniques and libraries