

BONIFACE MUGURO

Nairobi County, Kenya | +254719774911 | mmbonifacekimani@gmail.com | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Versatile Software Engineer & AI Developer with experience in machine learning, AI model training, and full-stack software development. Skilled in Python, JavaScript, React, Flask, SQL, Docker, Git, and CI/CD pipelines, with proven success fine-tuning generative AI models and developing production-ready applications. Certified in IBM Artificial Intelligence Fundamentals, with expertise in natural language processing (NLP), computer vision, and AI ethics. Remote work energizes me—I love connecting with teams worldwide using async tools to drive results that matter. With a knack for leadership and a user-first mindset, I’m excited to join creative teams building meaningful software.

TECHNICAL SKILLS

- **Languages & Tools:** Python, JavaScript, SQL, HTML5, CSS3
- **Frameworks & Libraries:** React.js, Flask, Node.js, FastAPI, REST APIs
- **Dev Tools:** Git, GitHub, CI/CD, IBM Watson Studio, Post-Man
- **Databases:** PostgreSQL, SQL
- **AI/ML Expertise:** Machine Learning, NLP (Natural Language Processing), Computer Vision, Deep Learning, Generative AI, Neural Networks, Prompt Engineering, Model QA, Model Evaluation
- **Core Areas:** Software Engineer, AI Development, Backend Development, Front-end Development, AI Training

EXPERIENCE

OUTLIER

JUL 2023 - JAN 2025

Software Engineer (AI Trainer)

Remote, United States

- Trained and fine-tuned AI models for code generation in Python and JavaScript, boosting accuracy and contextual reliability.
- Enhanced AI reasoning and clarity through technical QA, structured evaluation, and prompt engineering.
- Improved debugging efficiency by contributing to AI-powered developer tools adopted by global engineering teams.
- Optimized model pipelines for scalability and user-centric AI outputs.

REMOTASKS

JAN 2023 - JUL
2023

AI Trainer

*Remote, United
States*

- Built supervised learning datasets to strengthen NLP and ML training pipelines.
- Delivered structured evaluation tasks, improving model accuracy and logical reasoning.
- Supported model classification improvements through data annotation and quality assurance.

DATAANNOTATE

JAN 2020 - DEC
2022

AI Training Specialist

*Remote, London,
UK*

- Labeled and structured data to support supervised learning for NLP tasks, enhancing model accuracy and performance
- Specialized in prompt refinement and logic QA, improving reliability of generative AI outputs.
- Collaborated with distributed teams to evaluate and improve model performance metrics.

ISUZU EAST AFRICA LIMITED

MAR 2018 - SEP 2018

Automotive Technician (Internship)

Nairobi, Kenya

- Diagnosed, repaired, and optimized vehicle systems, improving overall vehicle performance and reliability
- Applied practical problem-solving in team-based engineering projects, enhancing project efficiency and collaboration
- Acquired valuable experience in technical systems and mechanics, contributing to improved understanding and application of automotive technologies

EDUCATION

MORINGA SCHOOL

APR 2025 - JUL 2025

Software Engineering

Nairobi, Kenya

- **Achievements:** Curriculum licensed by Flatiron School; covered JavaScript, React, Python/Flask, SQL., Built 5 production-style applications in team and solo settings. Final capstone deployed using CI/CD pipelines.
- **Coursework:** JavaScript, React, Python/Flask, SQL

IBM SKILLSBUILD

AUG 2024 - AUG 2025

Artificial Intelligence Fundamentals

Remote

- **Achievements:** Covered NLP, Computer Vision, Machine Learning, AI Ethics, and IBM Watson Studio
- **Coursework:** AI Applications | AI Capabilities | AI Ethics | Artificial Neural Networks | Chatbots | Computer Vision | Deep Learning | Machine Learning | Natural Language Processing | Watson Studio

Automotive Engineering, Mechanical Engineering

Mombasa, Kenya

- **Achievements:** Studied system design, robotics, and technical diagnostics., Built a strong foundation in structured problem-solving - useful in software development today.

REFEREES

- Available upon request.