

Michael Panashe Mudimbu

Software Developer

michaelmudimbu@gmail.com • +263782464219 • Redcliff, Zimbabwe

PERSONAL DETAILS

- **Portfolio:** michaelmudimbu.netlify.app
- **Github:** github.com/micpana
- **LinkedIn:** linkedin.com/in/michael-panashe-mudimbu
- **Driver's License:** Yes, Class 4
- **Date of Birth:** 20 September 1997

INTRODUCTION

A dedicated and innovative Fullstack Software Developer with over 6 years of experience in both freelance and corporate environments. Skilled in crafting responsive web, mobile, and desktop applications, as well as trading, and AI applications; I excel in environments that require a blend of technical expertise and creative problem-solving. I am keen on leveraging my skills to drive technology solutions in dynamic teams. I am always willing to learn and contribute to the growth of the company. I strive to leave no room for my performance and efficiency to be questioned.

EDUCATION

- **Bachelor of Technology Honours Degree in Information Technology**
Harare Institute of Technology
Pending
- **Advanced Level**
Kwekwe High School
2 Passes: Mathematics, Computer Science
2014 - 2015
- **Ordinary Level**
Rio Tinto Zhombe High School
8 ZIMSEC Passes: English Language, History, Geography, Shona, Mathematics, Integrated Science, Biology, Physics
1 HEXCO Pass: Computer Operations and Packages
2010 - 2013

EXPERIENCE

- **Founder & Lead Developer**
July 2020 – Present

Ocula Finance (formerly Mudimbu Capital)

Ongoing Development & Research

Responsibilities:

- Conceptualization and development of an AI-driven SaaS platform for real-time trading signal generation, using a ReactJS, Python, MongoDB, REST API technology stack.
- Conducting ongoing research and development on machine learning models for predictive market analytics, utilizing supervised, unsupervised, and reinforcement learning.
- Feature engineering and design.
- Designing a Telegram bot to deliver automated trading alerts and market updates.
- Continuously refining and optimizing trading algorithms and AI models to improve performance and scalability.

- **Fullstack Software Developer**

July 2019 – Present

Freelance

Responsibilities:

- Developing web applications using a ReactJS, Python, MongoDB, REST API technology stack.
- Website development using ReactJS.
- Managing websites and web applications for various clients.
- Developing mobile applications using a React Native, Python, MongoDB, REST API technology stack.
- Managing mobile applications for various clients.
- AI systems development using Python.

- **Intern Fullstack Software Developer**

August 2018 – July 2019

Health Informatics Training and Research Advancement Center (HITRAC), Harare

Responsibilities:

- Frontend Development using ReactJS for web applications, and React Native for mobile applications.
- Backend Development using Java Spring Boot.
- Training nursing teams on the use of Impilo, Zimbabwe's Electronic Health Records (EHR) system.
- Assisting on the day-to-day use of Impilo EHR at Arcadia Clinic, and Mbare Poly Clinic.

- **Intern Web Developer**

June 2018 – June 2018

Hansole Investments (PVT) Ltd, Harare

Responsibilities:

- Developing new websites for clients using WordPress.
- Reaching out to potential clients marketing our services.
- Maintaining our existing clients' websites.
- Sending out notices for domain and hosting renewal.

- **Founder & Lead Developer**

2018 – 2019

Zimlancer

Responsibilities:

- Designed, developed, and launched Zimlancer, a freelance service marketplace connecting Zimbabwean freelancers with entrepreneurs.
- Built the platform using a ReactJS, NodeJS, MongoDB, REST API, GraphQL technology stack.
- Engineered a service listing and job-matching algorithm, allowing freelancers and clients to connect seamlessly.
- Managed the platform until 2019 before discontinuing operations.

SKILLS & TECHNOLOGIES

- **Programming Languages:** Expert in Python, JavaScript, and Solidity, focusing on code optimization and enhancing application performance.
- **Frontend:** Versatile in web and mobile development using React.js, React Native, with a strong emphasis on responsive and efficient user interfaces.
- **Backend:** Advanced capabilities in Flask-based API development, emphasizing security, scalability, and performance.
- **Databases:** Skilled in MongoDB, ensuring robust data solutions and integrity.
- **APIs & Real-time Data:** Proficient in REST APIs and WebSockets for real-time communication.
- **AI & Machine Learning:** Experience in AI development using Python, including supervised learning, unsupervised learning, and reinforcement learning.
- **Trading & Automation:** Skilled in trading bot development using Python and MQL5.
- **Chatbot Development:** Experienced in building WhatsApp and Telegram chatbots using Python.
- **DevOps & Tools:** Proficient in Git for version control and Docker for containerization, improving deployment processes and scalability.
- **Cloud & Hosting:** Experience with AWS, Netlify, Vercel, Render, Heroku, Servarica, Ionos, Google Play Store, and Ubuntu.
- **Debugging & Optimization:** Demonstrated ability in debugging, troubleshooting, and optimizing code to resolve complex issues and improve system efficiency.
- **Software Development Practices:** Adept in Agile and Scrum methodologies, contributing to effective project management, team collaboration, and iterative development.
- **Distributed Computing:** Experienced in designing and implementing scalable distributed computing systems, enhancing application performance and reliability across multiple nodes.