# Michael Panashe Mudimbu

## Software Developer

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## 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

## 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.

## 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.