Michael Panashe Mudimbu

Software Developer

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PROFESSIONAL PROFILES

- **Portfolio:** michaelmudimbu.netlify.app
- **Github:** github.com/micpana
- **LinkedIn:** linkedin.com/in/michael-panashe-mudimbu

INTRODUCTION

Innovative Fullstack Software Developer with 6+ years of proven success delivering robust web, mobile, desktop, AI, and trading applications across freelance and corporate settings. I bring a rare blend of technical depth and creative problem-solving, with a strong focus on performance, reliability, and user-centric design. Passionate about building elegant, scalable systems that solve real-world problems, I thrive in fast-paced, collaborative teams where growth, adaptability, and excellence are valued. Always eager to learn, contribute, and exceed expectations, I'm committed to delivering solutions that not only work, but make a lasting impact.

EDUCATION

- **Bachelor of Technology Honours Degree in Information Technology**
  Harare Institute of Technology (2016 – 2025; completed following a period of deferment)

- **Advanced Level**
  Kwekwe High School (2014 – 2015)
  2 Passes: Mathematics, Computer Science

- **Ordinary Level**
  Rio Tinto Zhombe High School (2010 – 2013)
  8 ZIMSEC Passes: English Language, History, Geography, Shona, Mathematics, Integrated Science, Biology, Physics
  1 HEXCO Pass: Computer Operations and Packages

SKILLS & TECHNOLOGIES

- **Programming Languages:** Expert in Python, JavaScript, Solidity, and MQL5, with a focus on clean, optimized, and high-performance code.
- **Frameworks:** Experienced with Flask, React.js, React Native, and Express.js, enabling rapid development of scalable web and mobile applications.

- **Frontend Development:** Proficient in building responsive and intuitive interfaces using React.js and React Native for web and mobile platforms.
- **Backend Development:** Advanced experience with Flask-based APIs, emphasizing secure, scalable, and efficient server-side architecture.
- **Databases:** Skilled in MongoDB and SQL, delivering flexible, high-integrity data solutions across both NoSQL and relational database systems.
- **APIs & Real-Time Systems:** Strong command of RESTful APIs and WebSocket protocols for real-time communication and data synchronization.
- **AI & Machine Learning:** Hands-on experience in Python-driven ML/AI systems, including supervised, unsupervised, and reinforcement learning models.
- **Chatbots:** Developed and deployed WhatsApp and Telegram bots with Python, enabling automated, intelligent messaging systems.
- **DevOps & Tooling:** Proficient in Git, Docker, and Nginx for efficient version control, containerization, and reverse proxy setup — ensuring smooth, scalable deployments.
- **Cloud & Deployment:** Experience deploying applications on AWS, Netlify, Vercel, Render, Heroku, Servarica, Ionos, and the Google Play Store; skilled in configuring and managing Ubuntu servers with Nginx for production-grade performance.
- **Debugging & Optimization:** Strong analytical skills in debugging, profiling, and optimizing code to maximize performance and reliability.
- **Software Methodologies:** Experienced in Agile and Scrum, contributing to fast-moving teams, iterative development, and transparent collaboration.
- **Distributed Systems:** Competent in designing and deploying distributed architectures that ensure scalability, fault tolerance, and high availability.

EXPERIENCE

- **Fullstack Software Developer**
  Freelance (July 2019 – Present)
  Responsibilities:
    - Developing web applications using a ReactJS, Python, MongoDB, and REST API technology stack.
    - Building and maintaining websites and web applications for various clients.
    - Developing mobile applications using React Native, Python, MongoDB, and REST API technology stack.
    - Creating AI-driven systems using Python for various domains, including data analysis and automation.

- **Founder & Lead Developer**
  Ocula Finance (July 2020 – December 2024)
  Responsibilities:
    - Conceptualizing and developing an AI-driven SaaS platform for real-time financial market analysis using ReactJS, Python, MongoDB, and REST APIs.
    - Conducting ongoing research and development on machine learning models for predictive market analytics.
    - Designing and optimizing trading algorithms and AI models for enhanced performance and scalability.

- Designing and implementing a Telegram bot for automated trading alerts and market updates.

- **Intern Fullstack Software Developer**
  Health Informatics Training and Research Advancement Center (HITRAC), Harare (August 2018 – July 2019)
  Responsibilities:
  - Developed frontend components using ReactJS and mobile applications with React Native.
  - Assisted in backend development using Java Spring Boot.
  - Trained healthcare professionals on the use of Impilo, Zimbabwe's Electronic Health Records (EHR) system.
  - Provided on-the-ground support for EHR implementation at Arcadia Clinic and Mbare Poly Clinic.

- **Intern Web Developer**
  Hansole Investments (PVT) Ltd, Harare (June 2018 – June 2018)
  Responsibilities:
  - Developed websites for clients using WordPress.
  - Managed bulk SMS platform operations, ensuring seamless delivery and performance.
  - Handled client communications, including renewal notices for domains and hosting.

- **Founder & Lead Developer**
  Zimlancer (2018 – 2019)
  Responsibilities:
  - Designed, developed, and launched Zimlancer, a freelance service marketplace connecting Zimbabwean freelancers with clients.
  - Utilized a ReactJS, NodeJS, MongoDB, REST API, and GraphQL stack for development.
  - Engineered a service listing and job-matching algorithm, ensuring seamless connections between freelancers and clients.
  - Managed the platform's operations until its discontinuation in 2019.