Michael Panashe Mudimbu

Fullstack Software Developer | IT Professional | Systems Architect

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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 and IT Professional with 7+ 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, TypeScript, Solidity, and MQL5, with a focus on clean, optimized, and high-performance code.
- **Frameworks:** Experienced with FastAPI, 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 FastAPI, and Flask-based APIs, emphasizing secure, scalable, and efficient server-side architecture.
- **Databases:** Skilled in PostgreSQL, Supabase, 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 PyTorch, Computer Vision, OpenAI API integrations, 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

- **Contract Fullstack Software Engineer (AI & Systems)**
  Nuvantica Software (**Czech Republic – Remote**) | *September 2025 – Present*
  Responsibilities:
    - Serving as the primary external engineer, taking full end-to-end ownership of development from coding to production deployment.
    - Building AI-focused systems using React, TypeScript, Tailwind CSS, and backend services in Python (FastAPI).
    - Implementing practical AI solutions including Computer Vision and LLM-driven workflows.
    - Handling all infrastructure setup and maintenance using Ubuntu, and Nginx for production reliability.
    - Designing and managing relational data structures using PostgreSQL.

- **Fullstack Software Developer**
  Freelance (Worldwide - Remote) | *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, Supabase, MongoDB, and REST API technology stack.
- Creating AI-driven systems using Python for various domains, including data analysis and automation.

- **Contract Fullstack Developer**
  ESpace (Harare, Zimbabwe – Remote) | *2021 – 2023*
  Responsibilities:
    - Engaged as the dedicated external developer responsible for executing all software development tasks for agency clients.
    - Built and deployed full-stack applications using ReactJS, React Native, Python, and MongoDB.
    - Operated as the sole engineer on assigned projects, converting requirements directly into complete, production-ready systems.

- **Intern Fullstack Software Developer**
  Health Informatics Training and Research Advancement Center (HITRAC) (Harare, Zimbabwe – On-site) | *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, Zimbabwe – On-site) | *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.