



# PETER KIMUTAI KIPTOO

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## Objective

Innovative and results-driven software developer with extensive experience in developing custom software solutions, automated trading systems, and data analysis tools. As a dedicated software engineer, I am seeking to leverage my technical expertise and problem-solving skills to deliver high-quality, scalable solutions that drive business success for clients. Eager to continue learning and adapting to new technologies, I aim to contribute effectively to complex projects while consistently exceeding client expectations.

## Experience

### Upwork

Freelancer

OCTOBER, 2022 - PRESENT

Led and delivered multiple software development projects, managing the full project lifecycle from initial consultation to deployment. Adept at handling client communications, setting expectations, and meeting tight deadlines. For the record Successfully delivered 17 projects on time and within budget, resulting in client satisfaction.

Developed bespoke software solutions tailored to client needs, including web applications, mobile apps, and desktop software. Expertise in a wide range of technologies such as Python, JavaScript, React, Dart and Flutter.

Integrated third-party APIs to enhance functionality and automate processes, providing seamless and scalable solutions.

Designed and implemented automated trading bots, including strategy development, backtesting, and live execution on platforms like MetaTrader 5 (MT5). Developed a high-frequency trading bot that achieved, 10% monthly return in live trading

## Education

### St. Paul's University

Bsc Computer Science -

## Skills

Project Management	Problem Solving	Communication	Data Analysis	Web Development	Database Management
API Intergration	Microsoft Azure	Python	JavaScript	Java	Dart
				Flutter	postgresql
					MySQL
					Docker

## Projects

### Automated Trading Bot

Developed a sophisticated trading bot using Python for MetaTrader 5 (MT5) that executes trades based on a variety of technical indicators and patterns. The bot analyzes market data in real-time, identifying optimal entry and exit points across different timeframes (M30 to H4). Implemented advanced pattern recognition algorithms, including CHOCH, BOS, inducement, liquidity zones, and others.

Integrated technical indicators such as RSI, MACD, and Moving Averages to validate trade signals.

Developed and optimized strategies for high-frequency trading, including backtesting and live trading with real-time market data.

Automated the entire trading process, from signal generation to order execution and trade management.

Outcome: Successfully deployed the bot in a live trading environment, achieving consistent profitability and reducing manual trading errors.

### Mobile ticketing Application

Developed a mobile ticketing app called Tikiti using Dart and flutter framework that would enable event organisers to list events and users would be able to book and pay for the events. The application is intended to solve some of the problems users experience with events. The mobile app also allows payment through mpesa making it easy for the users to pay for the events

### House Bidding System

Developed an online platform for real-time house bidding, enabling secure user registration, profile management, and bidding processes.

Integrated a dynamic property listing system with advanced search and filtering capabilities.

Implemented secure authentication, user bidding history tracking, and payment management features.

Ensured a user-friendly interface and seamless user experience across various devices.

## Language

English      Kiswahili