

Praize Chimezie

AUTONOMOUS SYSTEMS ENGINEER

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PROFESSIONAL SUMMARY

Autonomous systems engineer building production AI pipelines that run themselves. I design multi-agent architectures, financial trading bots, and 3D animation systems at the intersection of LLMs, computer vision, and real-time data. Currently operating a DeepSeek-driven forex trading engine executing on MT5 and Bitget, a 57-agent Blender pipeline for automated 3D production, and a screen-capture AI agent system (Hermes) running on Gemini vision. I write systems that don't need me to wake up.

TECHNICAL SKILLS

AI & AUTONOMOUS SYSTEMS

Multi-Agent Architectures

LLM Orchestration

DeepSeek

Gemini

RAG

FinBERT

MCP

Agentic Workflows

Prompt Engineering

LANGUAGES & FRAMEWORKS

Python

PHP / Laravel

JavaScript

TypeScript

React.js

Next.js

React Native

Node.js

Flask

Tailwind CSS

DATA & INFRASTRUCTURE

Supabase

PostgreSQL

RESTful APIs

Git

CI/CD

FINANCIAL SYSTEMS

MetaTrader 5

Bitget API

Circuit Breaker Logic

Automated Trading

Financial Sentiment Analysis

CREATIVE & PRODUCTION

Blender

3D Animation Pipelines

Motion Graphics

Figma

UI/UX Design

PROJECTS

Autonomous Forex Trading Engine

2026

DeepSeek · Python · MT5 · Bitget · FinBERT

Production trading bot with circuit breaker risk logic and 55+ passing unit tests. Integrated DeepSeek LLM for market analysis, FinBERT for financial sentiment scoring. Executes trades autonomously on MetaTrader 5 and Bitget with real-time risk management. Modular agent architecture: market analyst, risk manager, execution agent, and audit logger.

57-Agent Blender 3D Production Pipeline

2026

Python · Blender · Multi-Agent Systems

Architected a 57-agent orchestration system for automated 3D animation production. Agents handle modeling, rigging, texturing, lighting, rendering, and post-processing in parallel. Reduced manual 3D production time by automating repetitive pipeline stages.

Hermes — Screen-Capture AI Agent

2026

Python · Gemini Vision · System Automation

Built an autonomous AI agent that observes and acts via screen capture and Gemini computer vision. Agent reasons about on-screen interfaces and executes system actions without API dependencies. Persistent memory across sessions with Obsidian vault integration.

Metabolic Health Assistant

2025

Next.js · Supabase · Flask · Python

Full-stack health tracking platform integrating meal logging, metabolic markers, and AI-driven recommendations. Flask backend with Supabase PostgreSQL for real-time health data processing.

My Rights — Legal Awareness Platform

2025

Laravel · React · Supabase

Citizen rights education platform with searchable legal knowledge base. MVC architecture with Eloquent ORM, role-based access, and RESTful API.

PROFESSIONAL EXPERIENCE

Independent Systems Engineer

2024 – Present

Self-Directed

Design and deploy autonomous AI systems: trading bots, multi-agent pipelines, and computer vision agents. Manage full software development lifecycle from architecture to production deployment. Maintain a portfolio of 8+ active projects across AI/ML, web, and creative production.

Web Developer (Freelance)

2024

Excella Hospitality — Qatar (Remote)

Built a professional services website using React.js for a Qatar-based cleaning and construction staffing company. Designed responsive UI showcasing services, workforce solutions, and company offerings.

Client Relations & Revenue Operations

2024 – Present

United Auto Protection — Remote

High-volume client engagement for a U.S. auto protection firm — consistently exceeding performance targets. Developed persuasive communication and rapid relationship-building skills in a competitive sales environment.

EDUCATION

Lincoln University

Bachelor of Science, Information Technology

GPA 3.45 / 4.0

Expected May 2028

LANGUAGES

English (Fluent)