

# IOAN CRISTE

Full-Stack AI Engineer | Python Developer | Blockchain Specialist

Cluj-Napoca, Romania • creators-multiverse.com • LinkedIn • GitHub

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## PROFESSIONAL SUMMARY

Results-driven full-stack engineer with a proven track record of delivering AI-powered applications from conception to production. Experienced in building scalable content generation platforms, integrating cutting-edge AI models (Google Gemini, OpenAI), and maintaining stable production environments.

Strong background in blockchain infrastructure and high-performance trading systems. Skilled at iterative product improvement and cross-functional collaboration with research and marketing teams.

Working across both AI development and crypto has taught me an unforgettable lesson: client and market needs dictate the design of the tech stack and approach—not the other way around. I am committed to finding the framework that always best fulfills the client and product needs.

## TECHNICAL SKILLS

**Languages:** Python, Rust, TypeScript, JavaScript, SQL

**Frontend:** React, Vite, shadcn/ui, TailwindCSS, React Query, React Router, Framer Motion

**Backend:** FastAPI, Node.js, Express, LangChain, Pydantic, AsyncIO

**AI/ML:** Google Gemini AI, OpenAI API, Google Imagen, Multi-Agent Systems, Prompt Engineering

**Database:** PostgreSQL, Supabase, Row Level Security, Database Functions & Triggers

**Cloud & DevOps:** Google Cloud Platform (App Engine, Cloud Storage, Cloud Run), Docker, Serverless

**Blockchain:** Crypto Trading Bots, DeFi Protocol Integration, Smart Contract Interaction

**Tools:** Git, Playwright, ESLint, Stripe API, REST APIs, Deno Runtime

## PROFESSIONAL EXPERIENCE

### Full-Stack AI Engineer | 2022 – Present

*Creators Multiverse | Cluj-Napoca, Romania*

Led end-to-end development and production launch of AI-powered multi-platform social media content generation platform, delivering a scalable solution serving multiple brands across 5+ social media platforms.

#### Product Development & Launch:

- Delivered production-ready platform from conception to launch, coordinating with research team to integrate cutting-edge AI models (Google Gemini, OpenAI) and ensuring brand voice consistency across all generated content
- Established dual-ecosystem AI strategy offering users choice between Google Gemini and OpenAI providers, transforming technical deployment challenges into unique market differentiator
- Launched comprehensive content creation solution supporting Instagram, LinkedIn, Twitter, Facebook, TikTok, and YouTube with platform-specific optimizations

#### Platform Stability & Performance:

- Maintained stable production environment with robust error handling, ensuring reliable content generation and minimizing service disruptions through comprehensive testing and monitoring
- Optimized content generation pipeline reducing processing time through parallel execution architecture, improving user experience with faster delivery of AI-generated posts and media assets
- Implemented scalable cloud infrastructure on Google Cloud Platform with automatic scaling capabilities

#### Business Impact & Revenue:

- Integrated Stripe payment system enabling multiple pricing tiers with automated credit management, establishing revenue stream and supporting business growth
- Built influencer partnership program with referral tracking and commission system, creating channel for organic user acquisition
- Developed multi-company support allowing agencies to manage multiple brand identities within single account

**Technical Stack:** React/TypeScript frontend, Python/FastAPI backend, PostgreSQL with Supabase, Google Cloud Platform, Stripe integrations, Google AI & OpenAI APIs

## Blockchain Infrastructure Engineer & Automation Specialist | 2015 – 2022

*Independent Contractor (Freelance) | Remote*

Delivered high-performance cryptocurrency trading systems and automation solutions for private clients, focusing on reliable execution, risk management, and measurable ROI in volatile market conditions.

- Developed and deployed automated trading systems for multiple clients, achieving consistent performance in live trading environments across major cryptocurrency exchanges with 99%+ uptime
- Delivered blockchain infrastructure solutions reducing manual operational overhead for clients managing DeFi protocols and Web3 applications, enabling 24/7 monitoring and automated response to on-chain events
- Built advanced automation frameworks streamlining repetitive workflows and data extraction processes, reducing processing time from hours to minutes and eliminating manual errors
- Ensured system reliability through comprehensive error handling, failover mechanisms, and monitoring systems for mission-critical trading infrastructure
- Maintained strict security and confidentiality for proprietary trading algorithms and client data, implementing secure API key management

**Technical Environment:** Rust, Node.js, TypeScript, Blockchain APIs, Real-time data processing, Cloud infrastructure, Webhooks, REST APIs, Python

## Python & Web Development Intern | 2012 – 2014

*SkillLab | Cluj-Napoca, Romania*

- Completed intensive one-year training program in Python programming and modern web development practices
- Gained hands-on experience building web applications and working with databases
- Developed foundational skills in software engineering principles and collaborative development workflows

## EDUCATION

### Bachelor of Computer Science

*Technical University of Cluj-Napoca | Cluj-Napoca, Romania | 2012*

## KEY PROJECTS

### CreatorsM – AI Content Generation Platform

Production SaaS platform enabling brands to generate platform-optimized social media content across Instagram, LinkedIn, Twitter, Facebook, TikTok, and YouTube using AI. Full-stack development with dual AI provider integration (Google Gemini + OpenAI), cloud deployment on GCP, and Stripe payment processing.

### Cryptocurrency Trading Systems – Private Client Work

Automated trading infrastructure for cryptocurrency markets with multi-exchange support and risk management. Delivered reliable 24/7 trading automation with 99%+ uptime for multiple clients, enabling systematic trading strategies in volatile markets.

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Advanced Prompt Engineering for AI Systems
- Google Cloud Platform Architecture
- Blockchain Development & Smart Contracts
- FastAPI & Modern Python Development
- React & TypeScript Best Practices

## LANGUAGES

**English:** Professional Working Proficiency | **Romanian:** Native