

# Denis Krasavin

Full-stack AI & Web3 Engineer

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## About

With 16+ years in IT consulting, including roles at Accenture, KPMG, and Deloitte, I specialize in digital transformation, AI/ML systems, and emerging technologies like Web3. My background in software engineering, product delivery, and cross-functional leadership enables me to architect scalable, secure, and data-driven solutions across FinTech, Energy, and other regulated sectors.

Over the past 3+ years, I've focused on generative AI platforms, developing LLM-integrated applications, agentic workflows, dynamic toolchains, and RAG pipelines, deployed on cloud-native infrastructure. I've also integrated full-stack decentralized blockchain technologies to help scale businesses with transparent and trustworthy solutions

## Core competencies

- Agentic AI & LLM Orchestration
- Retrieval-Augmented Generation (RAG) systems
- GenAI Architecture & Enterprise Deployment
- MLOps, CI/CD, and Cloud Infrastructure
- API development & GPU inference
- Full-Stack Blockchain Development

## Professional experience

### Independent Entrepreneur

#### Full-stack AI Engineer

Dec 2022 – Present

- Built and deployed multi-agent systems using LangGraph, CrewAI, and MCP, implementing tool chaining, memory management, and CRM automation, boosting conversion rates by up to 2x–10x
- Designed RAG pipelines with OCR and vector search (Qdrant) to extract insights from financial and legal documents, enabling faster research and decision-making
- Fine-tuned LLMs with Transformers and LoRA on domain-specific PDFs for improved contextual accuracy
- Designed and optimized an end-to-end face-swapping pipeline using Hugging Face Transformers, FastAPI, vLLM, and Triton for GPU-efficient inference
- Delivered production-ready AI services, including content generation, translation, chatbot builders, speech-to-text, and posting workflow automation, reducing influencer workload by up to 30%
- Created smart contract auditing agents and full-suite blockchain apps (NFTs, trading, staking, supply chain) to deliver secure, auditable, and transparent Web3 solutions

## **KPMG.com**

### **Director, Digital and Technology Consulting**

Feb 2019 – Nov 2022

- Directed digital transformation projects from concept to MVP and full-scale rollout, managing portfolios exceeding \$0.9M annually across energy and financial sectors
- Led cross-functional teams of 15+ professionals, including data scientists, software engineers, analysts, and business stakeholders, driving strong collaboration and on-time delivery
- Delivered a secure, high-performance IT platform for the currency exchange market
- Defined and executed a national digital strategy for oil and gas operator, launching a digital innovation hub

## **Sibur.ru**

### **Head of Data Governance and Analytics, Digital Technology**

Jan 2017 – Oct 2018

- Developed a 2-year data strategy roadmap for enterprise-wide analytics and data governance in the petrochemical sector
- Built AI/ML models for industrial machinery failure prevention, reducing downtime and maintenance costs
- Improved supply chain decision-making by 10–14% through unified data quality and dashboarding

## **Accenture.com**

### **Manager, Technology Consulting**

Mar 2010 – Jan 2017

- Delivered 35+ AI/ML, DW, BI, MDM, and S&OP projects in banking and supply chain sectors
- Built AI models for customer segmentation, CLTV, and predictive analytics in commercial banking
- Led data quality and data mart development for a top Russian bank, improving operational reporting by 8–13%

## **Deloitte.com**

### **Senior Consultant, Enterprise Risks Management**

Jun 2006 – Mar 2010

- Performed 60+ IT and information security risk assessments, including SOX and fraud audits, and developed IT governance frameworks for large-scale enterprises

## **Diasoft.com**

### **Software Engineer**

Aug 2004 – May 2006

- Developed and maintained banking IT systems, focusing on data integrity and performance

## **Education**

- PhD in Engineering Science, Russian State Technological University, 2009
- Master's in Computer Science, Lomonosov Moscow State University, 2004

## **Certifications**

- Web 3.0 Developer & Solidity Developer – GuideDao (2022)
- Neural Networks and AI – Netology (2022)
- Web & Mobile App Development – Codebreakers (2020–2021)
- ML & Deep Learning – Netology (2019)

- Certified Agile Professional, ITSM, DMBok (2017)
- ACCA (P1–P7) – Association of Chartered Certified Accountants (2009)
- CISA – Certified Information Systems Auditor (2008)

## **Skills & tools**

**AI & ML:** LangChain, LangGraph, CrewAI, Model Context Protocol (MCP), Agno, Dify, LLMs (GPT, Claude, HuggingFace), RAG, LlamaIndex, ElizaOS, LoRA, Ollama, vLLM, Triton, MLflow, Python, TensorFlow, PyTorch

**Data:** Qdrant, FAISS, Chroma, Pinecone, Redis, Tableau, Power BI, Spark, Kafka, n8n

**MLOps:** Docker, Terraform, GitHub Actions, Airflow, AWS (EC2, ECS, RDS, S3, SageMaker), Prometheus, Grafana

**Full-Stack:** FastAPI, React, Next.js, TypeScript, Node.js, NestJS, MongoDB, PostgreSQL

**Web3:** Solidity, Rust, Hardhat, Wagmi, ethers.js

**Languages:** English (fluent), Russian (native)