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About

AI engeenier with commercial experience of 6 year working in teams of 5 to 20 people. Integrated platform-based AI solutions into existing and planned information systems. Built the full development cycle: from requirements gathering to implementing a system with an automated release pipeline, high test coverage, and using cutting-edge CI/CD and DevOps practices. In addition to core Python/AI expertise, I have great experience working with Kubernetes and microservice architectures. I am interested in the development of the PyTorch ecosystem and continuously update my knowledge in these areas. My hobby is building a personal brand through presentations at professional conferences, publishing scientific papers, and contributing to Open Source.

Skills

AI/MLPython, FastAPI, LangChain, LangGraph, LLM, OpenAi, Claude, LLama, RAG, NLP, PyTorch, PGvector, FAISS, Bert, MLops, DevOps, TTS, Hugging Face, asyncio, CatBoost, XGboost, LGBM, Java, Kotlin, mlflow, PostgreSQL

Big DataApache Kafka, Hadoop, Spark, Hive, Impala, Airflow

DevOpsKubernetes, OpenShift, Microservices, Docker, Vagrant, Docker Compose, CI/CD, Ansible, Linux, Prometheus, Grafana, MinIO, Google Cloud Platform

ArchitectureDDD, TDD, BDD, Hexagonal Architecture, Microservices

Experience

VK6 year6 monthJul 2025 - present

Senior AI Software Engineer

- Developed ML-based partition balancing system for an in-house stream data processing solution
- Implemented a RAG system for incident analysis and automatic SRE documentation updates. This reduced incident resolution time and accelerated the onboarding of new SRE engineers

Stack: Python, FastAPI, RAG, Lang Graph, LangChain, Java, Spring Boot, CatBoost, YTsaurus

T1 Innotech1 yearJul 2024 - Jul 2025

Senior Backend Developer

- Integrated a RAG fusion approach into the system, which made it possible to improve answer quality by 11% and increase user satisfaction
- Implemented an AI assistant subsystem for replying to emails in an in-house mail client, taking into account message history and the use of users’ personalized master prompts
- Built a multi-agent MCP-based documentation navigation system across different business domains. It helped simplify the documentation writing process and accelerate onboarding
- Integrated a metrics and tracing collection system into the application, which increased observability, improved failure predictability, and accelerated incident localization

Stack: Python, FastAPI, LangChain, Lang Graph, RAG, NLP, PGvector, MCP, Apache Kafka

Bell Integrator1 year 8 monthNov 2022 - Jul 2024

Backend Developer

- Added logic to the RAG system to detect queries with insufficient access rights and suggest privilege escalation, which eliminated false 'no data' responses and improved system transparency
- Implemented a notification system for detecting personal data in the knowledge base, which increased the security of the original data source
- Developed a semantic caching system. This improvement reduced latency for similar queries and increased user satisfaction

Stack: Python, FastAPI, LangChain, RAG, NLP, PGvector, Apache Kafka

Inline Group1 year 8 monthMar 2021 - Nov 2022

Backend Developer

- Developed a service for displaying analytics on employee action results, increasing workflow analysis speed by 30%
- Developed a Computer Vision service to reduce defect analysis time by 20.7%
- Increased the number of unit tests from 2,058 to 3,891 to reduce support requests

Stack: Python, FastAPI, Java, Spring Boot, OpenCV, Docker, PostgreSQL

Stroyservice9 monthJun 2020 - Mar 2021

Full-stack Developer

- Backend/Frontend development of a corporate logistical system

Stack: Java, Spring Boot, Hibernate, PostgreSQL

Education

«Applied Mathematics and Computer Science»  
Voronezh State University, Voronezh, Russia

Certificates

Architecting with Google Kubernetes Engine SpecializationMar 2024

Papers

Scopus Web of Science IEEEExplore

Languages

RussianNative proficiency

EnglishProfessional working proficiency