

Vitalii Gerasimov

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Education

September 2009 – 2010

Security of information technologies and computer systems, Saint Petersburg State University of Engineering and Economics, Saint Petersburg, Russia.

Experience

July 2025 – Present

Python Engineer, Moonbag, Remote.

- Built AI agent system using LangGraph with MCP server integration for internal automation workflows
- Full-stack development including backend architecture, MCP servers, individual agents, and complete frontend implementation
- Video categorization and music detection pipeline using Panako for audio fingerprinting
- Developed ML-powered video analysis using CLIP models for content understanding and classification
- Created document categorization system for internal company documentation using embeddings and Gemini API
- Technologies: LangGraph, MCP, Python, CLIP, Panako, Gemini API, vLLM, Docker, embeddings

March 2021 – July 2025

Team/Tech Lead, Sloboda Studio, Kharkiv, Ukraine.

- Leading developer teams
- Working with LLM and Huggingface tools
- Utilizing llamaindex and LangChain
- Developing project architectures
- Creating business logic
- Working with Terraform on AWS
- Project estimation
- Collaborating with business analysts and QA

February 2019 – March 2021

Full-stack Developer, GeekGroupLLC, Odesa, Ukraine.

- Developing healthcare industry projects
- Refactoring and fixing legacy code
- Communicating with clients and NY-based team
- Working with MSSQL developers and QA

January 2018 – February 2019

Full-stack Developer, AdvancedOnline, Moscow, Russia.

- Developing cryptocurrency services
- Migrating application from Yii1 to Yii2
- Maintaining and supporting microservices

September 2016 – January 2018

Full-stack Developer, Smartis, Saint-Petersburg, Russia.

- Developing startup for public places
- Implementing people counting and WiFi access features
- Working with statistics and data visualization

December 2015 – September 2016

Full-stack Developer, Compaider, Limassol, Cyprus.

- Developing SaaS platform for company and service search in Cyprus
- Implementing web page creation functionality

April 2014 – April 2016

Full-stack Developer, 3DaVinci, Moscow, Russia.

- Developing online solutions for businesses, primarily shops
- Working with Bitrix framework and BEM tools

September 2012 – April 2014

Full-stack Developer, ivox, Saint-Petersburg, Russia.

- Developing web solutions for clients (shops, services, web pages)
- Creating service calculators and CMS modules for online shops

June 2012 – December 2012

Full-stack Developer, Razvitie, Saint-Petersburg, Russia.

- Adding new functionality to shops
- Bug fixing
- SEO optimization
- Web server/platform configuration

December 2012 – June 2012

Full-stack Developer, Pafos tour, Saint-Petersburg, Russia.

- Developing and supporting tour agent website

Skills

Programming Languages

Python, PHP, C#, C, Javascript, Bash

Databases

Postgres, Mysql, Redis, MongoDB, MSSQL, MilvusDB

Frameworks

Django, DRF, fastapi, Laravel, Yii, Kohana, Codeignitor, Angular, Vue, Sails.js

Tools

Git, ElasticSearch, Docker, Chart.js, Celery, Terraform, Llamaindex, LangGraph, Huggingface, LangChain, Swagger, CLIP, Panako, Gemini API, vLLM, MCP

Additional Skills

AWS, Linux, OpenWRT, Arduino, ETH/BTC Nodes, Communication, Microservices, REST, .NET framework, ExtJs, bitrix, Flask, FastApi