AI_devs 3
RELOADED

Bestselling course by Adam Gospodarczyk,
Jakub Mrugalski and Mateusz Chrobok

Build Autonomous Agents and Generative AI Tools

AI_devs 3 is a 5-week practical course on using Generative AI tools (OpenAI, Anthropic, Groq, Ollama). In this edition, we will fully leverage the enhanced capabilities of large language models and, by combining them with programming skills, build autonomous and semi-autonomous AI systems – known as "Agents".

New competences in the team:

- Building multimodal LLM conversation interfaces.
- In-depth understanding of the potential and limitations of AI agents.
- Building advanced AI agents and connecting them with each other.
- Transferring a selected business process to an AI agent system.
- Designing advanced RAG systems using hybrid search and graph databases.

Thanks to the online formula:

- We do not get distracted from current projects (LIVE sessions are conducted in the evenings)
- All recordings and materials are available for 12 months. LIVE sessions are recorded!
- Rich agenda: multimodality, advanced RAG, API techniques, databases, building AI agents and much more.
- Motivation resulting from learning together with hundreds of ambitious developers.

Detailed programme 👉 www.aidevs.pl

AI_Devs Creators

Adam Gospodarczyk

Awarded "**JavaScript Hero of Community**" at the JS Poland Conference. Co-founder of **EasyCart** and **Automation House**. Head of Software Development Path at **eduweb** and creator of **ALICE AI Assistant**.

Jakub Mrugalski

Professionally involved in programming and server administration (owner of company with thousands of clients - **MIKR.US**). Web security expert at **Niebezpiecznik**. Publisher and creator of many well-recognised online courses.

Mateusz Chrobok

Consultant in the areas of Cybersecurity and AI Head of Fraud Intelligence at **Nethone**, Security Officer at **Air Space Intelligence** and co-founder at **Pricellent** and **Ceforai**. Over 130,000 followers on the YouTube channel.

Join AI_devs

The course starts on **May 12**, and will last 5 weeks. Over 7,000 programmers from enterprises, SMEs, technology startups, and government institutions have joined previous editions.

AI_devs is the largest AI course in Poland – and one of the biggest worldwide!

Start 12 May 2025

2490 PLN netto / person

3062,7 PLN incl. 23% VAT

3-5 people	-10%
6-30 people	-15%
30+ people	-20%

Team discount only applies for orders realized on a single invoice.

Got a question? Ready to place an order? We reply super fast!

Access for individuals:

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AI_devs 3 AGENTS

Supplementary Material	Topics	Results	Projects
Supplementary material 👉 Access will be granted in March **Foundations of Generative Artificial Intelligence**	Day 1: Large language models ⌄ Day 2: Instructional design ⌄ Day 3: Introduction to API ⌄ Day 4: LLM in Programming ⌄ Day 5: Tools and sources of knowledge ⌄	• You know what to expect from the LLM • You care about data privacy and security • You combine application logic with LLM • You control the behavior of the model with code • You have the necessary set of tools and sources of knowledge	• Design of examples (few-shot) controlling the behavior of the model • Comprehensive connection to models (OpenAI/Ahtropic/Ollama) via API • A "chain" project connecting LLM with tools and a data source
Week 1 🚀 Course starts on May 12th **Techniques of working with API**	Day 1: Direct interaction with the model ⌄ Day 2: Prepare your own data for the model ⌄ Day 3: Limits of Large Language Models and APIs ⌄ Day 4: Optimization techniques ⌄ Day 5: Applications in production ⌄	• You conduct advanced interactions with the model • You complement programming capabilities with what the LLM offers • You handle errors and fix some of them with the help of LLM • You connect LLM to your own data • You know the practical limitations of the LLM and are able to address and/or avoid them • You are optimizing a system using LLM • You know what to pay attention to when publishing applications for production	• Advanced interaction with LLM (state, two types of memory, tools) • Tools for preparing long-term memory content • Configuration of local and production environments • Configuring system monitoring tools
Week 2 **Multimodality from the practical side**	Day 1: Audio and voice interface ⌄ Day 2: Understanding image and video ⌄ Day 3: Generating and modifying images ⌄ Day 4: Mixing multiple formats ⌄ Day 5: Multimodality in practice ⌄	• You work with different content formats • You use the multimodality of models in practice • You know the practical limitations of multimodality and API • You use good user experience design practices • You put most of the optimization techniques into practice	• Full content processing tools (text/image) • Audio processing tools • Multimodal LLM interview interface
Week 3 **Own knowledge bases and data sources for LLM**	Day 1: Documents ⌄ Day 2: Semantic Search ⌄ Day 3: Hybrid Search ⌄ Day 4: Different types of data sources ⌄ Day 5: Hybrid Search ⌄	• You understand why the content for LLM and human is different • You prepare and describe data for the LLM • You retrieve and synchronize data from various sources using various techniques • You use search engines (including vector databases) • You organize data in relational and graph databases • You know advanced RAG (Retrieval-Augmented Generation) concepts • You optimize content for search and application with LLM	• Loader of various types of content, their organization and indexing • An advanced RAG system using hybrid search and graph databases
Week 4 **AI Agent Tools and Skills**	Day 1: Tool Interface ⌄ Day 2: File processing ⌄ Day 3: External data sources ⌄ Day 4: Apps and services ⌄ Day 5: Tool handling mechanics ⌄	• You understand the concept of AI agents • You have a set of tools/modules for LLM • You combine LLM with external systems wisely • You use elements that influence good UI and UX • You know what to remember when building systems capable of carrying out complex tasks • You are building an AI agent	• A set of your own and ready-made tools for agents • Agent API and interface connection
Module 5 **AI Agent Team**	Day 1: AI Agent ⌄ Day 2: Logic ⌄ Day 3: Skills ⌄ Day 4: Connection with the World ⌄ Day 5: Surprise! ⌄	• You understand the "AI Agent" pattern • You know the potential and current limitations of agents • You build complex agent logic • You optimize and develop agent systems • You build advanced AI agents and connect them together • You balance autonomy with human contact • You transfer your business process to an AI agent system	• A team of AI agents cooperating with you and/or implementing selected business processes (or their elements)

Any questions? We will help!

Contact us, we will respond quickly!

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