

Summary of Qualifications	<p>Experienced back-end developer with over 4.5 years in building and maintaining scalable data-driven systems — from initial concept and client communication to MVP delivery, live support, and iterative improvement. Skilled in designing predictive and analytical platforms powered by Python, SQL/NoSQL databases, LLMs, 3rd party integrations, and AWS infrastructure. Proven ability to work across full development cycles, including presenting results to stakeholders and adapting solutions to real-time environments.</p> <p>Known for a strong work ethic, reliability, and continuous self-improvement mindset. Passionate about building meaningful products and solving complex technical challenges through clean, efficient code and structured thinking.</p>
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Skills	Programming Languages/Technologies	Frameworks/Libraries
	<p>SaaS/RIA Research & Development</p> <ul style="list-style-type: none">▪ SaaS/RIA Research & Development▪ Asynchronous Programming▪ Technical Documentation/Architecture Reports▪ XML/JSON/YAML▪ Python▪ WebSocket's <p>RDBMS</p> <ul style="list-style-type: none">▪ MySQL▪ PostgreSQL▪ Alembic▪ MS SQL <p>NoSQL</p> <ul style="list-style-type: none">▪ Redis <p>Virtualization Tools</p> <ul style="list-style-type: none">▪ Docker / Docker Compose <p>Methodologies</p> <ul style="list-style-type: none">▪ Agile, Scrum, Kanban▪ Pair Programming <p>Operating Systems</p> <ul style="list-style-type: none">▪ Debian/Ubuntu/ Arch/Linux▪ macOS <p>CI/CD</p> <ul style="list-style-type: none">▪ GitHub CI/CD▪ GitHub Actions▪ Bitbucket CI/CD <p>Versions Control</p> <ul style="list-style-type: none">▪ Git▪ GitHub▪ BitBucket <p>Integration Tools</p> <ul style="list-style-type: none">▪ Stripe▪ StableDiffusion▪ OpenAI▪ Anthropic API	<p>FastAPI</p> <ul style="list-style-type: none">▪ FastAPI▪ Flask▪ SQLAlchemy▪ Pydantic▪ Numpy/Pandas▪ Requests▪ Aiohttp▪ bs4▪ Celery▪ Kafka▪ Selenium▪ Auth0▪ LangChain <p>Automation Tools</p> <ul style="list-style-type: none">▪ N8N <p>Application/Web Servers</p> <ul style="list-style-type: none">▪ Nginx <p>Cloud Providers</p> <ul style="list-style-type: none">▪ AWS▪ Heroku▪ OVH▪ Hetzner <p>Development Tools</p> <ul style="list-style-type: none">▪ PyCharm <p>Testing Tools</p> <ul style="list-style-type: none">▪ Postman▪ Pytest▪ Unittest, Mock▪ Sentry▪ Prometheus▪ Grafana

Experience	
Project Description:	Pikt - AI website builder The web platform featuring AI-driven website creation, integrated e-commerce solutions, automated domain registration, and custom email services. Built end-to-end functionality enabling users to launch professional websites with intelligent design generation, payment processing, and domain management through a single interface.
Domain:	Web development
Involvement Duration:	1.5 years
Project Role:	Team Lead Back-End/AI Developer
Responsibilities:	<ul style="list-style-type: none">▪ Back-end development;▪ Team management;▪ API integrations;▪ Prompt engineering;▪ Code base refactoring;▪ Implementing new features;▪ Development, build and deployment scripts;▪ Fixing bugs;▪ Code review.
Project Team Size:	8-9 team members
Tools & Technologies:	Python, FastAPI, OpenAI, Stable Diffusion, Stripe, Web Sockets, Anthropic API, Langchain, Google Search Console, PostgreSQL, Redis, Auth0, OVH, Postman, Prometheus/Grafana, Docker.
Project Description:	AI Social media automatization The main aim of the project is in automatization of clean video creation (full and shorts for social media) and translation using AI. The user provides a raw video and a text script containing time markers of the chapters, blooped cuts, camera changes, etc. This video is cleaned automatically. Video is translated into specified foreign languages using AI speech-to-text and text-to-speech technologies. As a result, clean videos in all the needed languages are rendered.
Domain:	Marketing
Involvement Duration:	1 year
Project Role:	Back-End/AI Developer
Responsibilities:	<ul style="list-style-type: none">▪ Back-end development;▪ App and DB architecture;▪ Back-end logic for video upload;▪ OpenAI integration;▪ Prompt engineering;▪ Social networks content management including auto-replies;▪ Testing;▪ Error Handling.
Project Team Size:	4-6 team members
Tools & Technologies:	Python, FastAPI, SQLAlchemy, Pydantic, OpenAI, Anthropic API, Nginx, Alembic, Redis, Celery, Prometheus, Poetry, Hetzner.
Project Description:	Competitive event analysis system Development of the instrument for the prediction of business outcomes. Technologies are engineered with custom-built advanced statistical models, proprietary algorithms, and best-in-class real-time data processing. The portfolio includes offline algorithms that predict complete operational results and online algorithms that are fed with a live data stream of business events and update their predictions in real-time.
Domain:	Business Intelligence

Involvement Duration:	2 years
Project Role:	Back-End Developer
Responsibilities:	<ul style="list-style-type: none">▪ Back-End Development;▪ Code refactoring;▪ Bug fixing;▪ Preparing technical specification;▪ Code development;▪ Code review.
Project Team Size:	5-6 team members
Tools & Technologies:	Python, FastAPI, WebSockets, MySQL, SQLAlchemy, Alembic, PostgreSQL, Elastic, Prometheus, Grafana, GraphQL, Redis, Unittest, Sentry, Docker.

Certificates	Secure coding in Python Coursera, Ukraine	
Education	Bachelor's degree National aviation university Systems of technical protection of information	
Languages	English – Advanced Ukrainian – Native	