

Andrii K.
Backend Developer

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| Summary of Qualifications | <p>Backend Developer with 3 years of hands-on experience building high-performance, scalable systems using Python, Django, FastAPI, and modern cloud-native tools. Strong expertise in API development, database design (PostgreSQL, MySQL, Redis, MongoDB), asynchronous processing, and microservice architecture. Skilled in integrating third-party services, implementing AI-powered features, and optimizing legacy code for maintainability and speed. Experienced in CI/CD, containerization (Docker), workflow automation, and developing reliable backend infrastructure for AI-driven platforms and marketplaces. Adept at collaborating in cross-functional teams, delivering clean, well-tested code, and maintaining high engineering standards.</p> | |
| Skills | Programming Languages/Technologies | Frameworks/Libraries |
| | <ul style="list-style-type: none">▪ Python▪ SQL▪ Software Architecture Design/UML/Reverse Engineering/Design Patterns▪ Technical Documentation/Architecture Reports/Proposals/SRS▪ XML/JSON/YAML▪ HTML/CSS▪ Websockets | <ul style="list-style-type: none">▪ FastAPI▪ Django▪ Pydantic▪ SQLAlchemy |
| | <p>RDBMS</p> <ul style="list-style-type: none">▪ MS SQL Server▪ MySQL▪ PostgreSQL▪ SQLite | <ul style="list-style-type: none">▪ Celery▪ FastStream▪ Redis Queue |
| | <p>NoSQL</p> <ul style="list-style-type: none">▪ Elasticsearch▪ Redis▪ MongoDB | <ul style="list-style-type: none">▪ Twilio▪ OpenAI▪ LangChain▪ LangSmith▪ FluxAI▪ Heygen▪ ElevenLabs |
| | <p>Virtualization Tools</p> <ul style="list-style-type: none">▪ Docker▪ Docker Compose | <ul style="list-style-type: none">▪ mypy▪ flake▪ black▪ ruff |
| | <p>Methodologies</p> <ul style="list-style-type: none">▪ Agile, Scrum, Kanban, Waterfall▪ Pair Programming▪ Test Driven, Feature Driven | <ul style="list-style-type: none">▪ Alembic▪ SQLAlchemy▪ aiohttp▪ Numpy/Pandas▪ requests▪ bs4▪ Selenium▪ APScheduler▪ asyncio▪ botocore/aiobotocore▪ Prometheus |
| | <p>Testing Tools/Libraries</p> <ul style="list-style-type: none">▪ Postman▪ PyTest▪ Unittest▪ Polfactory | <ul style="list-style-type: none">▪ DynadotAPI▪ CloudflareAPI▪ SerpAPI |
| | <p>Versions Control</p> <ul style="list-style-type: none">▪ Git▪ GitHub▪ GitLab | <p>Automation Tools</p> <ul style="list-style-type: none">▪ n8n |
| | | <p>Cloud Providers</p> <ul style="list-style-type: none">▪ AWS |

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| | <p>AI/ML Tools</p> <ul style="list-style-type: none">▪ OpenAI (Whisper, ChatGPT)▪ OpenCV▪ Prompt Engineering▪ LangChain, LangSmith▪ LLaMa-3, Claude▪ RAG▪ AI Agents▪ Groq | <ul style="list-style-type: none">▪ OVH▪ GCP▪ Heroku |
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Experience

Marketplace for designers

Project Description:

The web platform for designers, proposing logo design competitions, works directly with clients and designers to create the best logo designs. Many designers can participate in a competition, so the customer will receive 200+ designs for their brand. The platform includes a design marketplace, designer pages, and designer portfolios. In addition to logo design competitions, the platform offers the opportunity to hire a designer for personalized projects, such as creating other brand materials beyond logos. Clients can collaborate with designers to develop comprehensive brand kits, including style guides and other resources, to ensure brand consistency and support future design needs.

Marketing | AI & ML

Involvement Duration:

1.5 years

Project Role:

Backend Developer

- Optimizing and improving the system architecture;
- Refactoring and restructuring the existing codebase;
- Backend application development;
- Implementing new features and functionality;
- Integrating external services and APIs;
- Implementing AI-related components;
- Expanding the platform's capabilities (supporting additional products, scaling the design team);
- Creating and maintaining build, deployment, and automation scripts;
- Fixing bugs and optimizing application performance;
- Conducting code reviews and ensuring high code quality standards.

Project Team Size:

3-5 team members

Tools & Technologies:

Python, Django, DRF, PostgreSQL, LangChain, Docker, Celery, Contentful.

AI-based website page builder

Project Description:

Desktop application for generating web pages using artificial intelligence technologies. Automatically creates responsive, visually appealing pages based on user-defined settings and preferences. Designed to simplify website creation without the need for coding. Cutting-edge SEO platform developed to enhance online visibility for businesses. Features real-time analytics, advanced optimization tools, and a user-friendly interface. Provides actionable insights to improve search engine performance.

Software development | AI | SEO

1.5 years

Backend Engineer

- Contributed to the development of a high-performance backend architecture;
- Built and maintained a reliable admin panel;
- Refactored legacy code to improve maintainability, performance, and overall quality;
- Implemented new functionality and enhanced existing product features;

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| Project Team Size: | 15 team members |
| Tools & Technologies: | Python, FastAPI, PostgreSQL, Celery, Redis, Auth0, OVH, AWS, Cloudflare, Majestic, Docker. |

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| Certifications | AI Automation: Build LLM Apps & AI-Agents with n8n & APIs Udemy |
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| Education | Bachelor's degree Lviv Polytechnic National University Computer Science |
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| Languages | English: Upper-Intermediate Ukrainian: Native |
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