

# Kyrylo L.

## Full Stack/AI Developer

### Summary of Qualifications

Versatile Full-Stack Developer with 3 years of experience in designing, developing, and maintaining high-performance web and mobile applications in the Blockchain and AI domains. Skilled in building scalable, secure, and modular architectures, integrating complex third-party systems, and delivering user-centric solutions. Experienced in cloud infrastructure, containerization, and modern frontend and backend technologies including React, Next.js, Django, FastAPI, and PostgreSQL. Strong background in software architecture, asynchronous programming, and agile development methodologies, with a proven track record of implementing innovative solutions in Healthcare AI, Digital Pathology, and Web3 education platforms.

### Skills

#### Programming Languages/Technologies

- Software Architecture Design/UML/Reverse Engineering/ Design Patterns
- SaaS/RIA Research & Development
- Asynchronous Programming
- Technical Documentation/Architecture Reports
- JavaScript/TypeScript
- XML/JSON/YAML
- Python
- HTML/CSS/LESS/Sass
- SQL
- WebSockets

#### Developer Productivity AI Tools

- ChatGPT
- Gemini
- Copilot
- Claude

#### RDBMS

- MySQL
- PostgreSQL
- SQLite
- Alembic

#### NoSQL

- Redis
- MongoDB

#### Virtualization Tools

- Docker
- Kubernetes

#### Methodologies

- Agile, Scrum, Kanban
- Pair Programming
- Test Driven, Feature Driven

#### CI/CD

- GitHub CI/CD
- GitHub Actions

#### Frameworks/Libraries

- FastAPI
- Django/DRF
- Flask
- Pydantic
- Celery
- ReactJS
- Next.js
- SQLAlchemy
- bs4
- Tailwind
- Socket.IO
- Asyncio

#### AI/ML Tools

- OpenAI
- LangChain/LangGraph
- PGvector
- Whisper
- ElevenLabs
- Groq
- LangSmith

#### Application/Web Servers

- Nginx

#### Cloud Providers

- GCP

#### Development Tools

- Visual Studio
- PyCharm
- WebStorm

#### Testing Tools

- Postman
- Pytest
- Unittest, Mock

#### Versions Control

- Git
- GitHub
- GitLab

<p><b>Experience</b></p> <p><b>Project Description:</b></p> <p><b>Domain:</b></p> <p><b>Involvement Duration:</b></p> <p><b>Project Role:</b></p> <p><b>Responsibilities:</b></p> <p><b>,Project Team Size:</b></p> <p><b>Tools &amp; Technologies:</b></p> <p><b>Project Description:</b></p> <p><b>Domains:</b></p> <p><b>Involvement Duration:</b></p> <p><b>Project Role:</b></p> <p><b>Responsibilities:</b></p> <p><b>Project Team Size:</b></p> <p><b>Tools &amp; Technologies:</b></p>	<p><b>AI-Powered Medical Applications Ecosystem</b></p> <p>The project involved the full-cycle development of a range of AI-powered applications built around a custom machine learning model. This included an application for semantic search over a vector database, a system allowing users to build and configure custom AI agents, a chatbot interface for real-time communication with the model, and a specialized viewer for SVS files with functionality to extract and process image fragments. Additionally, numerous backend services were implemented to support the operation and integration of all components. A marketing-oriented landing page for the company was also developed. I was responsible for the entire technical implementation, from architectural design and technology selection to infrastructure setup, deployment, and production maintenance.</p> <p>Healthcare AI   Digital Pathology   Generative Multimodal Systems</p> <p>1.5 years</p> <p>Full-Stack/AI Developer</p> <ul style="list-style-type: none"> <li>Maintained multiple AI-driven pathology applications, ensuring reliability and performance;</li> <li>Designed and implemented the technical architecture with a focus on scalability, modularity, and seamless integration with GCP;</li> <li>Contributed to cross-functional architectural decisions, aligning technical solutions with product objectives and regulatory standards;</li> <li>Implemented Retrieval-Augmented Generation (RAG) pipelines to enhance semantic search and AI agent responses using vector databases and contextual knowledge sources.</li> </ul> <p>5-10 team members</p> <p>FastApi, ReactTs, Next, Redis, Firestore/PostgreSQL, OpenAI, RAG, Docker, GCP.</p> <p><b>Blockchain web and mobile application</b></p> <p>The project aims to be an insider guide to the most exciting opportunities within Web3. Its main goal is to help navigate the vast and unpredictable landscape of over 23,000 crypto tokens, assisting users in selecting the right ones to invest in. The key task is to build a reliable product that will be used simultaneously by 150k+ users and deliver the latest materials from the crypto world quickly and efficiently.</p> <p>Blockchain   Education</p> <p>1.5 years</p> <p>Full Stack Developer</p> <ul style="list-style-type: none"> <li>Integrated connections for various cryptocurrency wallets, ensuring secure and seamless transactions across platforms;</li> <li>Implemented UI fixes and improvements to enhance user experience and maintain a consistent design across web and mobile;</li> <li>Developed scalable features to support real-time delivery of crypto insights and updates to 150k+ concurrent users;</li> <li>Participated in code reviews and contributed to architectural decisions to ensure performance, reliability, and security of the platform.</li> </ul> <p>5-8 team members</p> <p>React, Django, PostgreSQL, Docker, Docker Compose.</p>
<p><b>Education</b></p>	<p><b>Bachelor's degree</b></p> <p>Kyiv Polytechnic Institute, Kyiv</p> <p>Computer Engineering</p>

<b>Languages</b>	<b>English</b> - Upper-Intermediate <b>Ukrainian</b> - Native <b>Russian</b> - Native
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