Yaroslav K.
Full Stack Developer

Summary of Qualifications	Full-stack developer with 5 years of experience building scalable SaaS applications and end-to-end solutions. Skilled in Python (Django, Flask, FastAPI), JavaScript/TypeScript (React, Next.js, Redux), asynchronous programming, and database design with both SQL (PostgreSQL, MySQL, SQLite) and NoSQL (MongoDB, Redis, Firestore). Experienced in software architecture, CI/CD (GitLab/GitHub Actions), cloud deployment (AWS, GCP, Docker), WebSockets, and API development. Strong in technical documentation, testing (Pytest, Postman), and delivering reliable, maintainable systems while collaborating effectively across teams.

Skills

Programming Languages/Technologies

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

RDBMS

- MySQL
- PostgreSQL
- SQLite

NoSQL

- MongoDB
- Redis
- Firestore

Virtualization Tools

- Docker

Cloud Providers

- AWS
- GCP

CI/CD

- GitLab CI/CD
- GitHub Actions

Frameworks/Libraries

- FastAPI
- Flask
- Django/DRF
- Celery
- React.js
- Next.js
- Redux
- Bootstrap
- SQLAlchemy
- Numpy/Pandas
- Selenium
- Pip/Poetry/uv
- APScheduler
- Alembic
- Tailwind
- LangChain
- Contentful

Application/Web Servers

- Nginx

Testing Tools

- Postman
- Pytest
- Unitest, Mock
- Sentry
- Loguru

Experience

Medical Reporting Software

Project Description:	A web platform for generating comprehensive patient condition reports based on intake forms and lab results. The system includes an admin panel for managing prompts, knowledge files, and biomarkers, and allows providers to create, view, and edit reports, which can be securely shared with patients via phone number. It supports handling various PDF files and editing reports at different stages. The platform also enables generation of multiple types of reports based on customizable templates, allowing providers to adapt outputs for different use cases. The project addressed initial issues with code, unstable infrastructure, and production readiness, delivering a fully stable, secure, and production-ready application compliant with HIPAA standards.
Domain:	Healthcare	Medical Software
Involvement Duration:	1.5 years

Project Role:	Full Stack Developer
Responsibilities:	▪ Refactoring for stable and scalable production operation;
	▪ Identify and fix critical bugs affecting report generation and overall system functionality;
	▪ Prepare the project for production deployment, including testing, monitoring, and performance optimization;
	▪ Implement new features and enhance user experience across the platform;
	▪ Enable generation of multiple types of reports based on customizable templates;
	▪ Front-End and Back-End development, including API integration and PDF/data processing;
	▪ Ensure secure handling and sharing of patient reports, implementing best practices for data protection and HIPAA compliance;
	▪ Conduct code reviews, optimize system performance, and maintain overall code quality.
Project Team Size:	3-5 team members
Tools & Technologies:	Python, FastAPI, Firestore, PostgreSQL, Gemini API, TypeScript, React, Docker, GCP, Celery, Redis, REST APIs.

Restaurant Management Platform

Project Description:	An all-in-one platform for restaurant owners to control costs and streamline back-of-house operations. The platform combines inventory management, purchasing, and analytics with automated data capture, allowing restaurants to track sales, stock levels, purchases, waste, and transfers from a single dashboard. Users can manage orders, suppliers, products, ingredients, and preparations efficiently. It leverages computer vision (CV) and OCR to extract structured data from invoices and stocktake videos, speeding up audits and reconciliation. Advanced analytics help analyze profitability, compare supplier prices, and slice data by tags for deeper insights. The platform also integrates with leading POS and accounting tools.
Domain:	Restaurant & Hospitality Industry
Involvement Duration:	0.5 years
Project Role:	Full Stack Developer
Responsibilities:	▪ Improve system architecture with microservices approach;
	▪ Improve system architecture;
	▪ Refactor codebase;
	▪ Front-End development;
	▪ Back-End development;
	▪ Implement new features (inventory tracking, automated data capture);
	▪ API integrations with POS/accounting tools;
	▪ Development, build, and deployment scripts;
	▪ Fixing bugs;
	▪ Code review.
Project Team Size:	4-6 team members
Tools & Technologies:	Python, Flask, Flask-RESTX, Supabase, TypeScript, React, Tailwind, Shadcn, Docker, GCP, REST APIs, Microservices.

Design Platform

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.

Domain:	Marketing	AI & ML
Involvement Duration:	2 years
Project Role:	Full Stack Developer
Responsibilities:	- Improve system architecture; - Codebase refactoring; - Front-End development; - Back-End development; - Implementing new features; - API integrations; - Implementation of AI; - Expansion of platform functionality (designers hiring, support of various products); - Development, build and deployment scripts; - Fixing bugs; - Code review.
Project Team Size:	3-5 team members
Tools & Technologies:	Python, Django, DRF, Flask, PostgreSQL, JavaScript, Next.js, LangChain, Docker, Celery, Contentful.

Pet care

Project Description:	Developed a user-friendly web application designed to connect pet owners with reliable pet sitters in their local area. The platform allows users to easily search for qualified sitters based on location, availability, and specific pet care needs. Additionally, it provides an opportunity for individuals seeking pet-sitting jobs to create detailed profiles, showcase their experience, and apply for positions that match their preferences.
Domain:	Pets
Involvement Duration:	1 years
Project Role:	Full Stack Developer
Responsibilities:	- Front-End development; - Back-End development; - Organize architecture; - Implementing new features; - Refactoring and improving existing code; - Code review; - Fixing bugs.
Project Team Size:	1-3 team members
Tools & Technologies:	Python, Django, JavaScript, React, Redux, PostgreSQL, Sentry, Celery, Redis, Unitest, Axios, React hook form, Git, Docker.

Certificates	**Python Developer** SoftServe	softserve
	Certified Cloud Practitioner AWS	aws certified Cloud Practitioner FOUNDATIONAL

	Certified AI Practitioner AWS	

Education	**Bachelor's degree** Lviv National Polytechnic Geodesy and land management
	Master's degree Lviv National Polytechnic Engineering geodesy

Languages	**English:** Fluent
	Ukrainian: Native