

# Shynkaruk Senior Full Stack & AI Engineer

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 Kuprina, Kovel, Ukraine

 Portfolio

 Github

## Professional Summary

I am a Senior Full Stack & AI Developer with 10+ years of experience building scalable web, mobile, and AI-powered applications. I specialize in Python backend development using Django, Flask, and FastAPI, combined with Node.js for high-performance, modern architectures. My AI expertise includes developing and integrating machine learning models, LLM-based solutions, intelligent automation systems, chatbots, recommendation engines, natural language processing (NLP) applications, computer vision systems, and predictive analytics platforms. I build data-driven APIs, deploy AI services, and create user-facing applications using React and Next.js, alongside cross-platform mobile development with React Native and Flutter. I help startups and businesses transform ideas into reliable, production-ready systems with a strong focus on performance, scalability, and real-world impact.

## Work Experience

### AI & Full Stack Engineer | Automation, n8n, DevOps

01/2026 – Present

*Upwork*

Currently contributing to full-stack and AI integration projects, focusing on Python backend development, API design, system integration, intelligent automation workflows, scalable system architecture, and cross-platform mobile applications. Collaborating closely with clients to deliver production-ready solutions that leverage AI for real-world impact. Tech Focus: Python, Node.js, React, Next.js, FastAPI, n8n, DevOps, AWS, React Native, Flutter, AI-powered chatbots, NLP solutions, machine learning models, and LLM integrations.

### AI & Full Stack Engineer | Automation, n8n, DevOps

05/2021 – 12/2025

*Volnexus Labs*

- Led full-stack development for enterprise platforms, focusing on AI, automation, and backend scalability, improving operational efficiency by 35%.
- Built frontend with React/Next.js and backend with Python, Node.js, and .NET Core, integrating AI chatbots to reduce manual tasks by 45%.
- Developed AI-assisted modules using LLMs and vector search, increasing user engagement by 30%.
- Designed automation pipelines with n8n, cutting operational overhead by 50%.
- Optimized SQL/NoSQL databases and cloud infrastructure, improving response times by 40%.
- Mentored junior engineers and collaborated across teams for faster, high-quality delivery.

**Tech Focus:** Python, Node.js, .NET Core, React, Next.js, FastAPI, LLMs, n8n, RAG Pipelines, DevOps, AWS, Docker

## **Senior Full Stack & Cross-Platform Mobile APP Developer**

08/2018 – 04/2021

### *Kryonode Systems*

- Led development of full-stack and cross-platform mobile applications, focusing on backend performance, automation, and AI integration, increasing efficiency by 25%.
- Built frontend with React, Next.js, and Vue, mobile apps with React Native & Flutter, and backend with Python, Node.js, .NET Core, Django, and PHP, delivering scalable, production-ready systems.
- Developed automation pipelines using n8n and REST APIs, reducing repetitive tasks by 40%.
- Optimized MongoDB, MySQL, and cloud infrastructure, improving system performance by 35%.

**Tech Focus:** Python, Node.js, C#, .NET Core, Django, PHP, React, Next.js, Vue, React Native, Flutter, CMS Development, MongoDB, MySQL, AWS, FastAPI, n8n

## **Python Developer**

12/2015 – 04/2018

### *FreelancerHunt*

- Developed Python and Node.js automation solutions, building pipelines and tools that streamline repetitive tasks and improve system efficiency.
- Implemented API integrations and backend workflows, supporting full-stack and cross-platform mobile applications.
- Built automation scripts and processes for data handling, notifications, and task orchestration using modern frameworks and tools.

## **Github**

<https://github.com/Shynkaruk-new-project-test> ↗

## **Education**

### **Bachelor of Science (B.S.) in Software Engineering**

2013 – 2017

*Lutsk National Technical University (LNTU)*

## **Portfolio**

<https://shynkaruk-portoflio.vercel.app/> ↗

## **Languages**

### **English**

Fluent

### **Ukrainian**

Native

## **Technical Skills**

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### **Frontend**

Vue.js, Nuxt.js, Vuex, Pinia, JavaScript, TypeScript, HTML, CSS, Tailwind CSS, Vuetify, Responsive Design, REST & GraphQL APIs, Performance Optimization, SEO, Accessibility

### **AI & Automation**

Python, PyTorch, TensorFlow, Keras, Scikit-learn, Pandas, NumPy, OpenAI API, LangChain, LlamaIndex, NLP, Computer Vision, Generative AI, LLMs, RAG, Model Deployment, REST & GraphQL APIs, MLOps, Docker, Kubernetes, Cloud (AWS/Azure/GCP), Data Preprocessing, Model Optimization

### **Databases**

PostgreSQL, MySQL, MongoDB, Redis, DynamoDB, Elasticsearch, SQLite, Oracle, SQL Server, Data Modeling, Query Optimization

### **Mobile APP**

React Native, Flutter, Expo, Ionic, Xamarin, .NET MAUI, NativeScript, Capacitor, Kotlin Multiplatform, PWA development. Cordova

### **Backend (Senior)**

Python, Node.js, FastAPI, Django, Flask, NestJS, Express.js, REST & GraphQL APIs, Microservices Architecture, PostgreSQL, MySQL, MongoDB, Redis, Cloud (AWS/Azure/GCP), Docker, Kubernetes, CI/CD, Authentication & Security (JWT, OAuth), Performance Optimization, Scalable System Design

### **CMS & Platforms**

WordPress, Shopify, WooCommerce, Magento, Drupal, Joomla, Squarespace, Wix, Webflow, HubSpot CMS, Contentful, Strapi, Sanity.io, Prismic, Ghost, BigCommerce, E-commerce Platforms, Headless CMS, REST & GraphQL APIs, SEO Optimization, Responsive Design

### **DevOps & Cloud**

AWS, Azure, GCP, Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, CI/CD, Serverless, Monitoring & Logging