

Shynkaruk *Senior Full Stack & AI Engineer*

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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-portfolio.vercel.app/> 

Languages

English
Fluent

Ukrainian
Native

Technical Skills

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