

# Viktor Lín

Prague, Prague, Czech Republic

Email: [olaf3915@gmail.com](mailto:olaf3915@gmail.com)

## SUMMARY

Senior Software Engineer with 7+ years of experience designing and delivering scalable full-stack applications, AI-powered platforms, and production-grade data systems. Proven expertise in React, Next.js, Python, Node.js, LLM integration, RAG systems, and cloud-based architectures.

Specialized in building end-to-end solutions that combine modern web technologies with machine learning and automation workflows, driving measurable improvements in system performance, operational efficiency, and user engagement.

Strong background in system architecture, performance optimization, API development, and scalable cloud deployments.

## PROFESSIONAL EXPERIENCE

**Senior Software Engineer (AI & Full Stack)** | Sep 2023 – Present

*Hong Kong Branch of Digital Heroes* | Full Remote | Hong Kong, Hong Kong

- Architected and developed scalable full-stack web applications with integrated AI capabilities, improving system performance by 20–40% and increasing user engagement.
- Designed backend services, APIs, and data processing pipelines that supported 15+ successful production deployments.
- Implemented LLM-driven automation workflows and intelligent decision-support features, improving operational efficiency across internal systems.
- Collaborated with product, design, and engineering teams to deliver 5–12 production-grade solutions, reducing delivery timelines by 15–30%.
- Improved system scalability and maintainability through optimized cloud architecture and modular service design.

**AI & Data Engineer** | Feb 2022 – Aug 2023

*DataArt* | Kyiv, Ukraine

- Built and deployed end-to-end machine learning pipelines, increasing processing efficiency by 35–60%.
- Integrated LLM-based enterprise solutions that improved workflow automation and business efficiency by up to 70%.

- Developed robust data workflows for training, inference, and analytics pipelines.
- Optimized AI system architecture and scalable processing environments, improving overall platform performance by 25–50%.

**Frontend Engineer** | Apr 2019 – Jan 2022

*Digital Heroes* | Postbauer-Heng, Germany

- Developed high-performance frontend applications using React, Next.js, and TypeScript.
- Integrated backend APIs and dynamic data features into responsive user interfaces.
- Improved application usability, page performance, and user experience for complex web platforms.
- Contributed to frontend architecture decisions that improved maintainability and scalability.

## EDUCATION

**Bachelor of Science in Computer Science** | 2013 – 2017

*National Technical University of Ukraine 'Igor Sikorsky Kyiv Polytechnic Institute'*

## QUALIFICATIONS

- **Data Science and AI in Practice** | *Udemy* | 2021

Applied machine learning, data pipelines, and enterprise AI integration

- **Full Stack Web Development** | *freeCodeCamp* | 2018

Scalable frontend and backend development practices

## CORE SKILLS

- **Languages:** Python, JavaScript, TypeScript, SQL
- **Frontend:** React, Next.js, Vue.js
- **Backend:** Node.js, Express, Django, REST APIs, FastAPI, Flask
- **AI / ML:** LLM Integration, Prompt Engineering, RAG Systems, LangGraph, Machine Learning, PyTorch
- **Data Engineering:** ETL Pipelines, Data Processing, Model Training Workflows
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Cloud & DevOps:** GCP, Databricks, CI/CD, Git
- **Architecture:** System Design, Performance Optimization, Scalable Architectures
- **Blockchain:** Ethereum, Web3.js, Smart Contracts, NFT, DeFi