

Roman Lotsman

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🔗 roman-lotsman-portfolio.vercel.app 🌐 Roman Lotsman

Work Experience

Senior Software Engineer, EPAM Systems Designed and delivered scalable backend platforms, cloud-native microservices, and AI-powered applications using Python, FastAPI, Node.js, and AWS. Led technical development, improved system performance and reliability, and integrated machine learning, large language models, RAG, and AI agents into production-ready solutions.	01/08/2022 – Current Kyiv, Ukraine
Python/Backend Software Engineer, SoftServe Developed and optimized Python-based backend applications, RESTful APIs, and database systems using Django, Flask, FastAPI, and PostgreSQL. Built scalable microservices, automated deployment workflows, and collaborated with engineering teams to deliver reliable, high-performance software solutions.	10/07/2019 – 15/06/2022 Kyiv, Ukraine

Education and Training

Bachelor of Computer Science, APEPS department of Igor Sikorsky Kyiv Polytechnic Institute	01/09/2015 – 30/07/2019 Kyiv, Ukraine
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Skills

Python Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, SciPy, OpenAI Gym, PySpark	Databases PostgreSQL/PostGIS, MySQL, Redis
Docker	Front End HTML5, CSS3, JavaScript, Sass, MUI 5, Styled Components, React, React Router
Frameworks Tailwind CSS, TypeScript, React JS, Node JS	MERN Stack MongoDB, ExpressJS, ReactJS, NodeJS

Projects

StatGPT, AI-Powered Statistical Data Platform AI platform providing natural-language access to statistical data through LLM-powered query processing, structured data integration, and visualization. Architecture includes Python, FastAPI, SQLAlchemy, LangChain, Pydantic, and SDMX-based statistical data services.	15/10/2023 – Current
AI DIAL, Enterprise AI Platform Enterprise platform supporting AI model integration, reusable applications, and standardized interfaces for language model services. Python SDK provides application and model-adaptor capabilities using FastAPI-compatible interfaces, API request handling, and automated testing.	01/08/2023 – Current
OutcomeOS OutcomeOS transforms uncertainty into smarter, measurable decisions by combining team forecasts with real-time prediction market intelligence, empowering organizations to make evidence-driven choices with greater transparency and accountability.	05/06/2026 – 02/07/2026