

VIKTOR URBANAS

BACKEND / AI ENGINEER ENGINEER 📍 CHERKASY, UKRAINE

◦ DETAILS ◦

Cherkasy
Ukraine
urbanas.victor@gmail.com

◦ SKILLS ◦

LLMs
GCP, AWS, Terraform
Amazon Bedrock
Vector databases, embeddings,
hybrid search
Javascript / Typescript
Node.js, Python
FastAPI, LangGraph
Nest.js, Express.js
MongoDB, PostgreSQL, Snowflake
Rabbit MQ
GraphQL
Prisma, TypeORM, Mongoose
Docker
Datadog, Coralogix
Scoket.io

◦ LINKS ◦

[LinkedIn](#)
[Github](#)

👤 PROFILE

- Design and develop backend systems and AI-powered applications using Python and Node.js, with a strong focus on LLM integrations and Retrieval-Augmented Generation (RAG) architectures.
- Implement RAG pipelines, vector search, embeddings, document processing, and knowledge retrieval systems to improve LLM accuracy and reliability.
- Integrate LLMs into applications for use cases such as intelligent search, content generation, data extraction, and workflow automation, ensuring reliability and performance.

📁 EMPLOYMENT HISTORY

Backend / AI Engineer at AllStarsIT

Dec 2025 — Present

muvan.ai

- Supported and developed new features of the existing AI assistant
- Analyzed critical gaps and issues of the existing AI assistant which prevents it's future evolving longer term
- Designed and developed a new version of the AI assistant from scratch, including Amazon Bedrock integration, hybrid search and smart follow ups
- Took active part in development of the generic domain oriented Text2SQL mechanism for data retrieval

Backend / AI Engineer at Glorium Technologies (Part-time)

Sept 2026 — Nov 2026

- Rapidly prototyped AI-powered proofs of concept from customer ideas, turning concepts into demonstrable solutions.
- Validated technical feasibility and prepared implementation plans for production-ready features.

Senior Backend Engineer at ClickUp (Qatalog was aquired), Remote

Mar 2025 — Oct 2025

- Implemented high load performance optimizations for long running replica queries
- Fixed bugs in the core flows that affect hundreds of thousands of users

Senior Backend Engineer (AI experience) at Qatalog, Remote

Sept 2023 — Mar 2025

- Performed external APIs integration to get the relevant data from different services based on the natural language queries using OpenAI
- Developed Smart prompts for various AI tasks
- Implemented embedding caching for the searched documents to speed up the query resolution
- Implemented AI answer parsing, processing and streaming to the client

Node.js Teach Lead, Team Lead at AppReal, Remote

Sept 2022 — Jun 2023

konnecto.com

- Designed complex SQL queries used for data analysis
- Built backend part of new client-facing product
- Implemented Youtube API integration

- Implemented service for continuous data loading from the Youtube API for videos and channels
- Set up cron jobs for dashboard metrics daily re-calculation

Backend Lead at Peronsal project

Aug 2021 — May 2023

- Set up AWS infrastructure as code for the mood tracking mobile and slack app
- Built backend serverless architecture personally
- Configured CD pipeline for dev and production environments

Node.js Engineer, Team Lead at Lohika (Capgemini Engineering), Kyiv, Remote (after covid)

Dec 2018 — Aug 2022

- Led a 7-person engineering team that developed and launched a glucose tracking app on both Android & iOS for a client in the Bay Area in the US
- Drove cross-functional communication with product management and UX designers across time zones, including traveling to the client site
- Ran daily scrum meetings
- Coordinated the frontend development and QA
- Built backend personally
- Re-designed db schema for storing time series data
- Built a new payment gateway service to gain more customers by providing them easier integration

Full Stack Javascript Engineer at Accellabs, Cherkasy

Jan 2015 — Nov 2018

- Set up app architecture and developed web app for real-time emotional state tracking
- Tested the throughput and scaled the app with PM2 to work with 1.5K concurrent users
- Implemented Frontend part of the application which mapped client partners to their merchants on the Google Map with different filters
- Implemented Frontend part of the web and desktop electron app for notaries
- Built and launched 2 mobile iOS and Android apps for the UK museum to explore historical events on the time line and on the map

EDUCATION

Master's Degree, State Technological University, Cherkasy

2016 — 2018

Bachelor's Degree, State Technological University, Cherkasy

2012 — 2016