

Dmytro Hoi

Staff Software Engineer · Grid Dynamics

Python, TypeScript, and agentic AI, with a background in automated testing, internal tooling, and workflow automation.

Kyiv, Ukraine

Reviewed 12 October 2026

Selected engineering work

Company-wide AI agent and workflow platform

Built from scratch and rolled out company-wide at Grid Dynamics, this platform enables employees to create and use AI agents, including for HR processes. It also provides an interactive, block-based workflow builder with built-in AI capabilities and an integrated harness for running agents and workflows. Use cases include email summarization, file sharing, and process-specific document summarization.

Grid Dynamics

Company-wide Slack internal-process automation

Built multiple company-wide Slack applications to automate and organize internal processes. Integrated them with internal Java and JavaScript/TypeScript platforms through APIs and scheduled jobs for data exchange and workflow triggers. Developed APIs and UIs to manage these processes within the company's existing infrastructure.

Grid Dynamics

Interview scheduling automation

Worked on a Slack bot that coordinated technical interview scheduling by matching interviewer availability with candidate preferences. It used Google Calendar to check availability and reserve interview slots, with Python, Slack Bolt, DynamoDB, and APScheduler. The project was described in a DOU article in January 2022.

Grid Dynamics · January 2022

[DOU article \(Russian\)](#)

Internal automation and QA tooling

At Grid Dynamics, established QA processes and worked on architecture, documentation, and automated testing. Developed internal automation tooling with FastAPI and multiprocessing, and a QA dashboard and execution manager using Django and React.

Grid Dynamics

PostgreSQL migration

Migrated a major internal tool to PostgreSQL with live data migration.

Grid Dynamics

Experience

Grid Dynamics

Staff Software Engineer — November 2025–present

Senior Software Engineer — February 2023–November 2025

Middle Python Developer — September 2021–February 2023

Middle QA Engineer — July–September 2021

Junior QA Engineer — February–July 2021

Earlier experience

GlobalLogic — Junior QA Automation. May 2019–February 2021. Worked on a custom Python test framework for an Android-based medical device, using Appium, ADB, and pytest, and migrated automation from Python 2 to Python 3.

MicroBilt — Site Scraping Script Developer. July 2018–May 2019. Worked on web scraping and parsing with WebQL, JavaScript, regular expressions, and SQL.

Freelance — Python Developer. May 2018–May 2019. Developed bots and scripts for web scraping, API integrations, and database-backed workflows.

Kharkiv National University of Radioelectronics — Quality Assurance Senior Assistant. June 2016–May 2017. Supported university quality-assurance work, including reports, presentations, and contributions to an internal quality-assurance system.

Technical focus

Python · TypeScript · Agentic AI · Automation and developer tooling

Education

Kharkiv National University of Radioelectronics — Master's degree in Systems Analysis (2018–2019); Bachelor's degree in Electrical and Electronics Engineering (2014–2018).

Writing & teaching

Alongside engineering, I've taught Python and basic development courses.

I've written about testing, developer tooling, and chatbots.

Contact

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