

# Maksym Patrushev

## Junior DevOps Engineer

Bydgoszcz, Poland

✉ [hi@maksympatrushev.com](mailto:hi@maksympatrushev.com)

🌐 [maksympatrushev.com](https://maksympatrushev.com)

## Summary

Recent B.Eng. graduate in Applied Informatics (Data Science) with hands-on backend experience building REST APIs, ETL pipelines and relational schemas using Python, FastAPI and PostgreSQL. I write Python and SQL by hand, work comfortably with Git and Docker Compose, and care about understanding the systems I build. Shipped a production Discord bot deployed across 35 servers with 90k+ combined user base. Eligible to work in Poland without visa sponsorship.

## Technical Skills

Core	Python, SQL, Git, Docker (Compose), Linux (CLI)
Backend	FastAPI, REST API Design, Pydantic, SQLAlchemy ORM, Swagger/OpenAPI, Spring Boot
Databases	PostgreSQL, MySQL, SQLite
Data	Pandas, NumPy, Matplotlib, scikit-learn
DevOps	Docker Compose, GitHub Actions (CI/CD), Terraform (AWS: EC2, VPC, S3, RDS), Grafana, Prometheus, GCP basics
Tools	Claude, ChatGPT, Cursor, Gemini — daily use for planning, debugging, code review
Other	Firebase, Node.js
Languages	Polish (C1), English (B2), Ukrainian (Native)

## Projects & Engineering Experience

Feb 2026–Present	<b>Personal Project (shipped), SunBot</b> — <i>Discord Economy Bot + AWS Infrastructure</i> , Node.js, MySQL, Docker, Terraform, AWS <ul style="list-style-type: none"><li>Shipped production Discord bot deployed across <b>35 servers with 90k+ combined user base</b>; 900+ users actively engaged with economy system.</li><li>Designed MySQL schema for users, transactions, and event history; integrated Whop payment webhooks for subscription validation.</li><li>Built Telegram admin dashboard with real-time analytics: DAU, server stats, uptime, memory usage.</li><li>Provisioned reproducible AWS infrastructure with Terraform (EC2, VPC, S3, RDS, Budgets); containerized deployment with Docker Compose.</li><li>Monitoring via Grafana + Prometheus (memory, errors, commands/min); 30+ days continuous uptime.</li><li>Live: <a href="https://sunbotapp.com">sunbotapp.com</a>   Infra: <a href="https://github.com/midit/sunbot-infra">github.com/midit/sunbot-infra</a></li></ul>
Jan 2026–Mar 2026	<b>Personal Project, Crypto Data Engineering Pipeline</b> , Python, FastAPI, PostgreSQL, Docker <ul style="list-style-type: none"><li>Built end-to-end ETL pipeline: CoinGecko API ingestion → Pandas transformation → PostgreSQL storage → FastAPI access layer.</li><li>Automated hourly data collection via APScheduler; containerized with Docker Compose (db + api + scheduler services).</li><li>Added pytest unit tests for transform layer and auto-generated Swagger/OpenAPI documentation.</li><li>Public repository: <a href="https://github.com/midit/crypto-data-engineering-pipeline">github.com/midit/crypto-data-engineering-pipeline</a></li></ul>
Mar 2025–Feb 2026	<b>Engineering Thesis (grade 5/5), ListSync</b> — <i>Offline-first Sync App</i> , FastAPI, Firebase, SQLite, GCP <ul style="list-style-type: none"><li>Designed offline-first sync architecture combining REST API and Firebase Realtime Database.</li><li>Analysed and resolved data conflict edge cases under unstable connectivity.</li><li>Deployed backend on GCP; published to Google Play (closed beta) and iterated on tester feedback.</li></ul>
Nov 2024–Jan 2025	<b>Full-stack (University, solo), Fluentoo</b> — <i>Language Learning Platform</i> , Java, Spring Boot, React, PostgreSQL <ul style="list-style-type: none"><li>Built full-stack app solo: Spring Boot REST API with JWT auth (Spring Security), React + Material-UI, PostgreSQL with Flyway migrations.</li><li>Designed 9 relational entities: users, decks, flashcards, game sessions, stats, streaks — full CRUD with role-based access.</li><li>Public repository: <a href="https://github.com/midit/fluentoo">github.com/midit/fluentoo</a></li></ul>

## Education

2022–2026	<b>B.Eng. in Applied Informatics — Data Science</b> , <i>Bydgoszcz University of Science and Technology</i> , GPA: 4.37/5.0 <ul style="list-style-type: none"><li>Key coursework: Databases, Distributed Systems, Operating Systems, Machine Learning, Advanced AI Techniques.</li><li>Certifications: TensorFlow Developer Specialization — DeepLearning.AI (Coursera, 2023)</li></ul>
-----------	---