

# Danial Munatayev

**Junior Backend Engineer**

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## Profile

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Backend developer with over 2.5 years of commercial experience building scalable APIs and distributed systems. Proficient in **Python** and **Kotlin**, with hands-on knowledge of **AWS** cloud technologies. An active core member of **Google Developer Groups**, passionate about building efficient, reliable backend systems.

## Skills

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**Languages/Databases:** Kotlin, Python, C#, TypeScript, Java

**Frameworks/Libraries:** Ktor, Exposed, FastAPI, aiogram, SQLAlchemy, React, Spring Boot

**Databases:** PostgreSQL, MongoDB, MySQL, MS SQL

**Cloud/Tooling:** AWS, CI/CD, Git, GitHub Actions, Docker Compose, Kubernetes, Linux, Postman, Nginx

**Spoken Languages:** English (C1), Polish (A2), Russian (Native)

**Interests:** Volleyball, FPV drone flying

## Experience

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### Junior Backend Developer

*Metricview*

**February 2026 – May 2026**

*Warsaw, Poland*

- Architected and developed backend **APIs** using **Kotlin** and **Exposed**, ensuring reliable data flow between internal systems and third-party accounting platforms like **Tripletex** with **99.9%** data consistency.
- Refactored complex **MySQL** queries, eliminated redundant joins and restructured code by **CTEs** and **Window Functions** for better data segregation and readability.

### Backend Developer

*Strive Hub*

**July 2023 – October 2025**

*Warsaw, Poland*

- Designed and built a backend module for **500+** users using **Python** and **FastAPI**, improving response times and system reliability
- Containerized the application using **Docker**, reducing local environment setup time by **48%** and simplifying development workflows

## Projects

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### Context-Aware AI Assistant Platform | Python, FastAPI, SQLAlchemy, MongoDB

[GitHub](#)

- Designed and developed a **microservices-based system** consisting of multiple independent repositories with a single **GitHub** organization, forming a unified backend infrastructure
- Built a **Python (FastAPI)** computational service handling **100,000+ requests/day** for contextual data processing and AI-driven responses using a hybrid database approach (**PostgreSQL and MongoDB**)

### Telegram AI Assistant Bot | Python, aiogram, REST API, Microservices, GitHub actions,

[GitHub](#)

- Developed a Telegram bot serving as the primary user interface for a distributed AI system, handling **300+** active users per day
- Optimized **API** communication and error handling, improving response reliability and reducing failed requests by **~25%**

## Education

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### Polish-Japanese Academy of Information Technology

*Bachelor of Science in Computer Science*

**October 2023 – February 2027**

**GPA: 4.56 / 5.0**

**Coursework:** Data Structures and Algorithms, Computer Architecture, Database Systems, DevOps