

Dmitrii Malashikhin

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Professional Summary

Software Engineer with 3+ years of academic and industry experience building backend services, data pipelines, and user-facing interfaces. Strong background in Python and TypeScript, with hands-on experience across the full product lifecycle - from system design and implementation to deployment and iteration. Previously worked on high-throughput security and data platforms, improving reliability, performance, and developer workflows. Interested in product-focused engineering roles where thoughtful technical decisions directly impact user experience.

Work Experience

Fullstack Engineer , R-Vision	Oct 2023 – Jun 2025
• Designed and implemented a modular FastAPI microservice framework for ingesting and normalizing heterogeneous data feeds, reducing new-source onboarding time from ~24 hours to under 3 hours (~88%).	
• Optimized API endpoints using async I/O and query tuning to support 100k+ daily requests and reduce median response times by ~60%.	
• Increased unit and integration test coverage from ~70% to ~90%, significantly reducing post-deployment defects.	
• Built developer-facing automation tools (PyCharm and Jira extensions in Java and TypeScript) that eliminated repetitive workflows and reclaimed 40+ developer-hours per month.	

Software Engineer , Datagile	Aug 2022 – Oct 2023
• Developed and maintained ETL pipelines using Flask, Celery, and Redis to process 50k+ log events per hour from 12+ operating system and database sources.	
• Designed and built a Vue.js UI for configuring and validating log-normalization rules, reducing analyst onboarding time by ~70%.	
• Automated CI/CD workflows in GitLab CI, collapsing six manual deployment steps into a single pipeline and reducing production incidents by ~65%.	
• Migrated legacy dashboards to React and TypeScript, improving maintainability and accelerating new-hire ramp-up.	

Education

Master of Science in Information Systems (Honors)	Sep 2022 – Jul 2024
Admiral Makarov State University	
Bachelor of Science in Computer Science , Minor in Economics	
Admiral Makarov State University	

Projects

Online Cinema Platform	Sep 2022 – Jul 2024
• End-to-end microservices platform built with FastAPI, Kafka, Redis, and PostgreSQL.	
• Served 10k+ daily user sessions with sub-150 ms API latency and 99.9% uptime through efficient pipelines, autoscaling, and containerized deployments.	
Guess The Melody	

• Python-based backend game integrated with the Yandex Music API, supporting 1k+ concurrent players.

• Implemented similarity-based game modes and streamlined releases using Docker and CI/CD.

Technical Skills

Languages: Python, JavaScript, TypeScript, Bash, SQL

Backend: FastAPI, Flask, Django, Celery, REST / WebSockets / GraphQL

Frontend: React, Astro, Vue.js, htmx, TailwindCSS

Data & Messaging: Airflow, Pandas, Redis, Kafka

Databases: PostgreSQL, MongoDB, Elasticsearch

DevOps & Cloud: Docker, Kubernetes, AWS (ECS, Lambda, S3, RDS), GitLab CI/CD

Observability: Prometheus, Grafana, ELK Stack