



DMITRI MESHIN

SENIOR BACK END / FULL STACK
TEAM LEAD / TECH LEAD
DEVOPS

CONTACT

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Ramat Gan, Tel Aviv

SUMMARY

Senior Back End / Full-Stack Engineer and Tech Lead with 15+ years building event-driven microservices and data pipelines that handle millions of events.

Deep in Go (Golang), Python, TypeScript/Node.js (NestJS), Django/Celery, ReactJS; strong with Docker/Kubernetes, PostgreSQL, Redis, Elasticsearch, Kafka, Airflow, and observability (Grafana/Loki).

I design resilient, low-latency systems, lead teams from PRD to production with CI/CD, and am expanding into DevOps/SRE to own build-run reliability.

EXPERIENCE

Senior Back End Engineer and Tech Lead 2024.02 - Present (1y 9m)

[Nexite.io](#) (Retail, B2B) - Tel Aviv

- Built and owned Go (Golang) microservices processing millions of events for in-store and DC shipping workflows; high-throughput, low-latency, fault-tolerant design.
- Launched from scratch the In-Store Receiving backend service (architecture → implementation → rollout (DevOps work)) enabling reliable, auditable store-level shipment receiving.
- Automated data pipelines with Apache Airflow DAGs for Israeli retailers including Tommy Hilfiger and Lululemon; orchestrated thousands of events per hour with SLA-aware retries and backfills.
- Deployed & operated Airflow (scheduler/workers, configs, observability, CI/CD); hardened upgrades and recovery procedures (DevOps).
- Drove cross-team software design reviews and platform architecture decisions; standardized patterns, interfaces, and telemetry across services.
- Improved system stability by tracing nested cross-service calls via Grafana + Loki, identifying hotspots, and eliminating failure loops and tail-latency spikes.
- Optimized dataflow/ETL pipelines ingesting thousands of retail events per hour; reduced end-to-end latency and improved throughput with idempotent processing and resilient retries.
- Optimized a Redis-heavy legacy service: re-keyed/clustered access patterns and introduced pipelining to cut round-trips; reduced ~100k ops/sec load by ~30% with measurable latency gains.
- **Technologies:** Golang (Go), Microservices, Distributed Systems, Event-Driven Processing, Apache Airflow (DAGs), Redis (pipelining, clustering), Observability (Grafana, Loki), Performance Optimization, Scalability, Reliability Engineering, Retail Tech, Logistics, Supply Chain, CI/CD, Docker, Linux, Big Data.

WEBSITES & LINKS

- ↗ [LinkedIn](#)
- ↗ [GitHub](#)
- ↗ [LeetCode](#)
- ↗ [Smarter.Day](#)
- ↗ [GitHub](#)
- (Personal Project)
- ↗ [Archman.Dev](#)
- (Personal Project)
- ↗ [GolangExpert.com](#)
- (Personal Website)

REFERENCES

Available upon request.

SKILLS

- Golang
- Python
- ReactJS
- TypeScript
- Docker
- Kubernetes
- NodeJS
- NestJS
- REST API
- Microservices
- Django
- Celery
- Kafka
- Redis
- Elasticsearch
- Postgres
- NoSQL
- MongoDB
- System Architecture
- Amazon
- AWS
- Git
- Gitlab
- Jenkins
- CircleCI
- Multithreading
- Multiprocessing
- Websockets
- Web3
- Solidity
- Ethereum 2.0
- AirFlow
- Grafana
- AI

Senior Software Engineer Team Lead 2021.01-2024.01
↗ [ssv.network](#) (Blockchain, Crypto) - Tel Aviv (3y 1m)

- Architected a distributed microservices backend (Python/Django, Node.js/TypeScript) with clear service boundaries and reliable inter-service communication (HTTP/WebSockets, task queues).
- Mentored engineers and led design reviews; unblocked delivery across teams with hands-on guidance, code reviews, and architecture docs.
- Partnered with Product to translate PRDs into sprint plans and roadmaps; set priorities, acceptance criteria, and release milestones.
- Drove R&D on emerging tech; delivered POCs with measurable impact on performance, cost, and developer velocity.
- Built Ethereum contract ↗ [sync/indexing](#): ↗ [decoded ABIs/events](#), handled reorgs/backfills, normalized data, and exposed structured APIs powering ↗ [ssv.network](#) features (real-time + historical).
- Boosted reliability and performance via profiling, Redis/Elasticsearch tuning, Celery concurrency, and proactive observability (Grafana/Loki dashboards & alerts).
- Technologies:** Python 3, Django, Node.js, TypeScript, React, WebSockets, Multithreading (Python), Celery, Microservices, Distributed Systems, Container Orchestration, Docker, Dockerfile, Docker Compose, Observability (Grafana, Loki), Redis, PostgreSQL, Elasticsearch, REST/GraphQL APIs, Event Sourcing (on-chain events), Ethereum (ABI/event decoding, reorg handling), High-Load/Scalability, Big Data, PRD, Roadmapping, Mentorship, Code Review, Big Data

Senior Software Developer & Integration Engineer 2019.07 - 2020.12
(1y 6m)

- ↗ [Cymatic](#) (Cyber Security), New York
- Developed and owned multiple backend microservices (Java, Node.js/TypeScript + TypeORM) exposing robust REST APIs; resilient, observable, and maintainable.
- Served as Integration Engineer: designed/adapted connectors and data flows across internal/third-party systems; standardized payloads, error handling, and contracts.
- Implemented identity & access with Keycloak: OAuth2/OIDC SSO, JWT issuance/validation, role-based access (RBAC), and service-to-service auth for protected endpoints.
- Delivered WordPress integrations (SSO + API): secure non-public endpoints, role mapping, and seamless user flows for multiple clients.
- Startup later acquired by ↗ [Netflix](#); contributions strengthened platform security posture and integration readiness pre-acquisition.

LANGUAGES

- **English**
Advanced
- **Hebrew**
Beginner (Alef+)
- **Russian**
Native
- **Romanian**
Beginner
- **Ukrainian**
Beginner

- **Technologies:** Java, PHP, TypeScript, Node.js, TypeORM, Microservices, REST APIs, System Integration, Keycloak, OAuth 2.0, OpenID Connect (OIDC), JWT, SSO, RBAC, WordPress (SSO/API), API Security, Input Validation, Rate Limiting, Observability, Error Budgets, CI/CD.

Senior Software Engineer

2017.04 - 2019.07
(2y 4m)

➤ [DioBox.com](#) (Event Management), New York

- Built a unified web app integrating events and guest activity into a clean, modern UX that simplified complex operations and boosted operator throughput.
- Implemented interactive visuals/editors with HTML5 Canvas (drawing, hit-testing, zoom/pan, undo/redo) to visualize and manage event activity.
- Performed rigorous code reviews and introduced standards (linting, typing, testing) to raise code quality and maintainability across teams.
- Troubleshoot and resolved complex performance issues end-to-end (bundle splitting, memoization, virtualized lists, API batching), cutting load and render times under peak usage.
- **Technologies:** AngularJS, React, Node.js, HTML5 Canvas, Full-Stack, Web Performance, Profiling, Code Review, TypeScript, REST APIs, Testing (Unit/E2E), CI/CD, UX.

Senior Full Stack Developer

2013.02 - 2017.11
(4y 9m)

➤ [UpWork.com](#), (Largest freelance marketplace platform in the World), California

- Built complex AngularJS interfaces for Job Search: result lists, dynamic filters, saved searches, and job detail flows; optimized UX with debouncing, lazy loading, and client-side pagination.
- Designed and implemented Symfony REST APIs powering the UI; robust filtering/sorting, pagination, auth, and response caching for consistent low-latency reads.
- Contributed to the Java-based Job Search Service: data aggregation and resilience (retries/timeouts), integration tests, and containerized local/dev environments with Docker + Docker Compose.
- **Technologies:** AngularJS, JavaScript, Symfony (PHP), Java, REST APIs, Search UI, Filtering/Sorting, Pagination, Performance Optimization, Caching, Docker, Docker Compose, Microservices, JSON, Linux.

Software Engineer

2010.01 - 2013.08
(3y 7m)

➤ [TIV.NET](#) INC, Canada

- Built a full-text search engine powering discovery and purchase of term papers; fast, SSR-first UX optimized for SEO and conversion.
 - Scaled catalog to 150,000+ academic resources with secure, non-downloadable previews and clean, intuitive browsing.
 - Delivered end-to-end features across backend + frontend, from data modeling and indexing to UI flows and release hardening.
 - **Technologies:** PHP, JavaScript, TypeScript, Server-Side Rendering (SSR), Full-Text Search, Catalog Management, Web Security (read-only previews), Performance, SEO, UX, REST APIs, Build/Release Automation, Linux.
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Lecturer

2010.08-2012.08
(2y)

University of Moldova, Cathedra of Physics and Mathematics

- Lecturer in operating systems and programming, LAMP, system programming in Linux, sockets, semaphores
 - Gave lectures on Python, C++ and JavaScript languages
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Software Engineer

2010.01-2011.09
(1y 8m)

➤ [BlueBoxSoft.com](#), Spain

- Architect of FreshBilling.com. Fresh Billing is a bright, new way for freelancers, teams, and businesses to track projects and timesheets, manage outgoing and incoming invoices, oversee customer expenses, and receive payments
 - **Technologies:** PHP, Symfony, Angular, Linux
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Software Engineer

2005.01-2009.12
(4y 11m)

Dest.by Agency, Belorussia

- Full Stack Engineer. Developed sites like: ➤ [Gold Dream](#) (a big network of jeweller shops)
- The press center, the directory of products, section of compartments, section of responses of buyers have been developed. It allows not to switch between the management panel and a site, and to edit contents and at once to see result (at that time, it was invention)
- Developed and supported ➤ [FBK-Bel](#). Auditors and consultants and the largest Belarusian businesses are combining their efforts in order to boost national economy and provide for the development of the market with all possible protection against risks for nonresident investors
- Hairdressing salon SK STYLE BARCELONA in Spain
Programmed the multilingual interface

EDUCATION

University of Moldova,

2005-2010 (5y)

*Software Engineer and Architect:
Computer software and automated
systems. Master Degree*

CERTIFICATIONS / COURSES

- Security Awareness & Compliance: ISO 27001 ([Nexite.io](#))
- [Go: The Complete Developer's Guide \(Golang\)](#)
- [Software Architecture & Design of Modern Large Scale systems](#)
- Kevin Mitnick Security Awareness Training 2016 ([UpWork.com](#))
- [Project Management for Software Projects](#) ([ssv.network](#))
- Professionals in the field of software (at University)
- [Learn and Understand AngularJS \(Udemy \)](#)
- Docker & Kubernetes (Udemy)
- Ethical Hacking (University & Udemy)
- Many courses & Clean Code from Robert Martin (Uncle Bob)