

David Tsofin

Backend Engineer & Technical Leader

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PDF Version

Technical Expertise

Languages: TypeScript, JavaScript, Python

Backend: NestJS, Express, Koa, Flask, Socket.io

Cloud: AWS (Lambda, Batch, S3, EC2, VPC), Docker, Docker Swarm, Podman, Kubernetes

Databases: PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch

DevOps: Grafana, Kibana, CI/CD Pipelines

Brokers: RabbitMQ **Frontend:** Vue.js, Bootstrap

Professional Experience

Success Craft | Backend Engineer & Tech Leader (2022 - Present)

Code Collaboration Platform (*Tech Lead, Team: 5*)

- Led development of enterprise-grade code hosting platform with custom version control
- **Stack:** NestJS, Vue.js, PostgreSQL, RabbitMQ, AWS (ECS, S3, Batch)

Salesforce Data Migration Suite (*Backend Engineer, Team: 5*)

- Built metadata processing system handling 10M+ records/month
- Migrated legacy systems to AWS reducing infrastructure costs by 35%
- **Stack:** Express, MySQL, AWS (ECS, S3, Batch)

CRM Integration Solutions (*Backend Engineer*)

- Developed serverless bridge between Salesforce and ServiceNow using AWS Lambda
 - **Stack:** Node.js, AWS Lambda
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Whale Studio | Backend Engineer (2021 - 2022)

Real-Time Multiplayer Game

- Built game server using WebSocket for real-time interactions
- **Stack:** Node.js, Socket.io, PostgreSQL

E-Commerce Platform

- Developed product catalog service with Redis caching
 - **Stack:** Express, PostgreSQL
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Alpha Orion I Full-Stack Developer (2019 - 2021)

Flight Operations Management System

- Developed UAV fleet management system for flight logs analysis and inventory control
- Automated order processing for drone reconfiguration workflows
- Integrated hardware telemetry data with warehouse management modules
- **Stack:** ASP.NET Core, PostgreSQL, RabbitMQ, JavaScript

Industrial Automation Software

- Created ECU testing tools with Electron.js interface
 - **Stack:** Electron.js, Arduino
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Education

Slovak University of Technology

MSc Applied Informatics | 2024 - Present

Belarusian National Technical University

BSc Information Technologies & Robotics | 2018 - 2020

Languages

- **Russian:** Native
- **English:** Upper-Intermediate (B2)
- **Slovak:** Intermediate (B1)