

VLADIMIR YAS.

BackEnd Developer (Node.js)

Roles:

6+
years of
web
development

3+
years as
lead developer

3+
years as
tech architect

Speaks: English, Russian



TECH SKILLS

BackEnd

Node.js (Express.js, Nest.js), JavaScript, Typescript

Database

MySql, PostgreSQL, Redis, MongoDB

Cloud

AWS, Digital Ocean

ORM/ODM

SequelizeORM, Mongoose

Source control

GitHub, Git Actions

Social Networks API

Google API, Yandex API, Telegraf

DevOps

Nginx, Docker, K8s, ElasticSearch

Queues

Kafka

RECENT 6Y OF EXPERIENCE

August 2024 – present



Project: MagmaSet

Domain: Management

Role: Lead BackEnd developer

Team size: 4 developers, 1 UX/UI Designer, 1 QA Engineer, 1 PM/BA

Project summary: A single tool for managing all projects' tasks for SAAS and project companies. The platform developed to address the shortcomings of existing tools. It covers everything from tracking time to coordinating teams, handling invoices, and financial reporting.



Tasks performed:

- Implement new functionalities and resolve bugs to maintain and enhance app performance.
- Containerize the app using Docker and manage deployments with Kubernetes, including multi-node cluster setup and DevSpace.
- Integrate services like SendGrid for email and implement real-time features using WebSocket.
- Automate infrastructure deployment and management with Ansible and Terraform, and create isolated environments for user code execution.
- Use Apache Airflow or Argo to manage and coordinate complex workflows and tasks.
- Set up and manage infrastructure using tools like Ansible and Terraform, including launching and maintaining multi-node clusters.

Environment: NestJS, Express.js, PostgreSQL, TypeScript, Docker.

RECENT 6Y OF EXPERIENCE

January 2019 – March 2023



Project: CRM system for business

Domain: Management

Role: Middle -> Senior BackEnd developer

Team size: 4 Developers, 1 QA Engineers, 1 DevOps, 1 UX/UI Designer, 1 PM

Project summary: The project streamlines client interactions for managers, while also offering tools for monitoring and statistical analysis.



Tasks performed:

- Crafting and structuring modules and controllers using the Express framework, ensuring robust back-end validation and strong typing practices.
- Managing and executing the deployment of the project on Digital Ocean, including setting up and maintaining both staging and production environments.
- Developing, optimizing, and fine-tuning the database to enhance performance, scalability, and efficiency.
- Designing and integrating advanced search functionality using Elasticsearch to provide flexible and powerful search capabilities.
- Creating and integrating real-time notifications, online chat systems, and scheduling mechanisms to enhance user interaction and engagement within the project.

Environment: Express, MongoDB, Mongoose, Elasticsearch, Redis, Open-api, Docker, SocketIO, Digital Ocean.

RECENT 6Y OF EXPERIENCE

February 2022 - October 2022



Project: Tourists

Domain: Traveling

Role: Senior BackEnd developer

Team size: 2 Developers, 1 UX/UI Designer, 1 PM

Project summary: A mobile and web application designed to assist travel agencies in discovering customers online and automatically presenting their services, tours, and excursions.



Tasks performed:

- Developing and structuring modules, services, and controllers using the NestJS framework, including implementing back-end validation and leveraging strong typing.
- Setting up and configuring GraphQL to provide a flexible and efficient alternative to traditional REST APIs.
- Overseeing the deployment of the project on Digital Ocean, including setting up and managing both staging and production environments.
- Designing, developing, and optimizing the database using PostgreSQL to ensure high performance and efficiency.
- Implementing systems for notifications and scheduling to enhance project functionality and user experience.

Environment: Nest js, TypeScript, PostgreSQL, Graphql, Sequelize, Redis, Docker, Digital Ocean.

RECENT 6Y OF EXPERIENCE

January 2021 – January 2023



Project: Event platform

Domain: Booking

Role: Middle BackEnd developer

Team size: 5 Developers, 1 UX/UI Designer, 2 QA Engineers, 1 PM

Project summary: A platform where customers can outline their holiday plans, specify the services they need, and select service providers to create a comprehensive package. This results in a formal agreement between the service providers and customers.



Tasks performed:

- Creating a scalable and resilient microservices architecture, including handling development and implementation aspects.
- Utilizing DevOps practices for deploying this project on Yandex Cloud using Docker and Kubernetes.
- Designing and developing the database using PostgreSQL, ensuring efficient storage and retrieval of data.
- Implementing Kafka for designing robust and efficient interservice communication within the microservices architecture, ensuring reliable and real-time data processing and communication.

Environment: Nest.js, TypeScript, PostgreSQL, GraphQL, Sequelize, Redis, Docker, Kafka, Kubernetes, Yandex Cloud.

RECENT 6Y OF EXPERIENCE



Project: Confidential

Domain: Document Management

Role: Middle BackEnd developer

Team size: 3 Developers, 1 UX/UI Designer, 1 QA Engineers, 1 PM

Project summary: The platform processes PDF files and generates a new version that excludes any confidential information about users.



Tasks performed:

- Creating a scalable microservices architecture with Moleculer, focusing on design, development, and implementation.
- Designing and developing the database using MongoDB to support efficient data storage and retrieval.
- Utilizing Azure services to handle and streamline PDF processing tasks, integrating them effectively into the project workflow.

Environment: Moleculer, TypeScript, Mongoddb, Graphql, Redis, Docker, Kubernetes, Azure.

EDUCATION

Bachelor in Computer Science



As an experienced Backend Developer, I excel in delivering scalable systems using technologies such as Express, NestJS, and GraphQL, while optimizing databases like MongoDB, PostgreSQL, and MySQL. I have managed deployments on cloud platforms like Digital Ocean and AWS, utilizing Docker and Kubernetes for efficient scaling.

My background includes developing microservices architectures and integrating advanced technologies like Kafka and Azure services. I create comprehensive solutions for various applications, including CRM systems, event platforms, and ad analytics, ensuring high performance and reliability in each project.