

VLADIMIR FEDOROVYKH

Open to Work | Available Immediately

Senior Backend Engineer | Node.js | TypeScript | Microservices | APIs | Payments
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PROFILE

Senior Backend Engineer / Node.js Developer with 8+ years in backend software engineering, focused primarily on backend systems and integrations.

Open to remote Senior Backend Engineer roles focused on Node.js, TypeScript, APIs, integrations, and production business systems.

Experience working with AI coding assistants including Claude Code, Codex, Kimi Code, and OpenAI APIs for practical development and workflow automation.

EXPERIENCE

Senior Backend Engineer / Software Developer (Node.js, Microservices)

All Funeral Services, LLC | Remote, United States | Jun 2018 - Jul 2026

- Built and maintained Node.js/TypeScript backend services and microservices for CRM, payments, orders, operational workflows, and data-heavy business processes.
- Worked on an operations platform for a US service business in the funeral industry, connecting CRM, payments, orders, contractor execution, and internal operations.
- Developed REST APIs and backend modules with Node.js, TypeScript/JavaScript, Express, PostgreSQL, MongoDB, Redis, RabbitMQ, and Docker.
- Owned payment-related backend workflows integrating Stripe, PayPal, QuickBooks Online, Kommo CRM, Elasticsearch, and internal business systems.
- Built ETL and CLI tools for synchronizing CRM leads, customers, orders, invoices, payments, cemetery data, deceased records, and memorial pages.
- Designed PostgreSQL schemas, migrations, indexes, and data consistency logic for order and payment workflows.
- Implemented queue-based background processing and improved system performance by 35%; reduced REST API response time by 25%.

Prior Engineering Career (Industrial Automation)

Severstal | 1996 - 2018

TECHNOLOGIES

Languages: Node.js, TypeScript, JavaScript

Frameworks: Express.js, NestJS

Databases: PostgreSQL, MongoDB, Redis

Messaging: RabbitMQ, pg-boss

Cloud: AWS, Docker

Testing: Jest

Architecture: Microservices, REST APIs, Event-Driven Systems

AI: OpenAI APIs, LangChain, pgvector, RAG

EDUCATION

St. Petersburg State Mining Institute

Master's degree, Engineering, Electrical / Control / Automation | Sep 1991 - Jul 1996

LANGUAGES

English - Intermediate / working proficiency for written technical communication | Russian - Native or bilingual proficiency