ARTYOM NESIN

Senior Fullstack Engineer | TypeScript / Node.js / NestJS / Vue 3
Batumi, Georgia | Open to Relocation (EU) & Remote (CET / EST overlap, B2B ready)
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Summary: Senior Fullstack Engineer with 5+ years of commercial experience building TypeScript web products across Vue 3 interfaces and Node.js / NestJS services. Experienced in shipping complete product features, integrating external SaaS platforms, and operating event-driven systems processing 100,000+ daily events. Backend-focused, with production experience in PostgreSQL, Redis, queues, and transactional billing.

TECHNICAL EXPERTISE

Languages: TypeScript, JavaScript, SQL, HTML5, CSS3
Backend: Node.js, NestJS, REST APIs, WebSockets, Microservices
Databases & ORMs: PostgreSQL, Redis, MySQL, Prisma, TypeORM, Drizzle ORM
Messaging & Queues: RabbitMQ, Kafka, BullMQ, Redis Pub/Sub
Architecture & Security: System Design, Clean Architecture, Idempotency, JWT, OAuth 2.0, RBAC
Frontend: Vue 3, Pinia, Vue Router, Tailwind CSS
DevOps: Docker, Kubernetes, GitLab CI/CD, GitHub Actions, Railway, Vercel
Observability: Grafana, Loki, Prometheus, OpenTelemetry
Testing & Tools: Jest, Vitest, Git
AI-Assisted Development: Claude Code, Codex, Hermes

PROFESSIONAL EXPERIENCE

Rocket.red | Jan 2024 - Sep 2026 Remote
Senior Fullstack Engineer
CRM systems integrator; projects covered fintech/payments, retail, and delivery operations.

- Designed and built a Vue 3 / Pinia shift-scheduling and time-tracking system for a large food delivery operator; embedded it in the client CRM without third-party browser extensions and linked analytics with CRM leads and sales metrics.
- Optimized NestJS and PostgreSQL to keep peak shift-start responses below 100 ms across 500-700 daily shifts; synced roles, groups, and attendance data across systems.
- Raised automated duplicate resolution accuracy from ~70% to 97% by replacing a third-party tool with a configurable multi-source merge engine.
- Architected and built an idempotent webhook pipeline processing 100,000+ events daily (about 600 requests/minute on average, up to 2,000 at peak). Used BullMQ, Redis token-bucket throttling, and exponential backoff to achieve 99.9% delivery reliability and prevent upstream HTTP 429 errors.
- Built HR-triggered job publishing, reusable UI templates, and dynamic wage calculations; maintained 90%+ Jest coverage for core business logic.
- Created the public Webhooks marketplace app and maintained financial tracking products with 100,000+ installs; set up Docker / Kubernetes deployments, GitLab CI/CD, and Grafana / Loki / Prometheus monitoring.
- Used AI coding agents to prototype features, write and optimize code, generate tests, and assist with code reviews. Personally reviewed all AI-assisted changes for correctness, maintainability, and security.
- Ran cross-team code reviews, mentored junior developers, and received an internal offer to move into a Tech Lead role.

CodeKids.cc | Aug 2022 - Dec 2023 Remote
Software Engineer | EdTech Platform
Built the online programming school platform from scratch as its sole engineer, serving hundreds of active students, tutors, and parents.

- Built three Vue 3 SPAs for parents, students, and teachers with scheduling, balance tracking, and attendance reports.
- Built NestJS services with PostgreSQL and Redis for transactional balance tracking, payment webhooks, automated tutor payout calculations, and Telegram notifications.
- Automated deployment on Vercel and Railway for SPAs, backend services, databases, and background workers.

Zlatoust Municipal Institutions | Aug 2021 - Jul 2022 On-site
Fullstack Engineer
Delivered a service desk and ticketing platform for municipal healthcare facilities.

- Built and deployed a Vue.js, Kotlin/Ktor, and MySQL service desk with JWT authentication across seven municipal medical facilities, reducing average IT incident resolution time by 40%+.
- Supported critical IT infrastructure, including servers, networks, and digital signature systems, across 200+ workstations.

EDUCATION

Zlatoust Industrial College | Diploma in Information Systems & Programming, with Honors (Sep 2019 - Jun 2023)

- Coursework in systems analysis, algorithms, databases, and software architecture; regional WorldSkills winner and medalist.

ADDITIONAL INFORMATION

Languages: English (B2, professional working proficiency), Russian (native)