BEKZOD TOXTAMURATOV

Full-Stack Developer (Node.js / NestJS / React)

bekzodtoxtamuratov03@gmail.com | *Tashkent, Uzbekistan* | LinkedIn | Telegram

SUMMARY

Full-Stack Developer with over two years of experience building scalable, high-performance systems using Node.js (NestJS). Strong background in microservices architecture, REST API design, and external system integrations. Experienced in designing fault-tolerant, event-driven systems and optimizing performance under high load. Hands-on experience with healthcare interoperability standards (FHIR) and complex data exchange systems.

PROFESSIONAL EXPERIENCE

Elma
Tashkent, Uzbekistan

Backend Developer — *Jun 2026 – Nov 2026*

- Designed and built microservices-based backend systems using Node.js (NestJS) for external system integrations.
- Worked with healthcare interoperability standards (FHIR), building and consuming FHIR-compliant APIs for complex data exchange.
- Designed event-driven, fault-tolerant workflows using message queues (RabbitMQ, BullMQ) for reliable asynchronous processing.
- Optimized system performance under high load through query tuning, Redis caching, and improved data access patterns.
- Integrated with external partner systems and APIs, handling authentication, data mapping, and error recovery.
- Collaborated with cross-functional teams to define API contracts and ensure reliable third-party integrations.
- Monitored production systems with Grafana, Loki, and structured logging (Winston/Pino) to proactively identify and resolve issues.

Techjobs Company
Tashkent, Uzbekistan

Software Engineer | Backend Developer — *Aug 2024 – Mar 2025*

- Built RESTful APIs using Node.js (NestJS and Koa) for a multi-module product platform.
- Implemented authentication and authorization, including login, registration, JWT-based auth, and role-based access control (RBAC).
- Designed and developed CRUD APIs for products, users, categories, and orders.
- Designed relational database schemas in PostgreSQL using TypeORM, including one-to-one, one-to-many, and many-to-many relationships.
- Wrote and optimized SQL queries to improve database operation performance.
- Built file upload functionality for user profiles and product images.
- Implemented input validation and centralized exception handling using DTOs and NestJS validation pipes.
- Tested APIs with Postman and resolved backend bugs surfaced during development.
- Collaborated with frontend developers to integrate APIs and resolve cross-team issues.
- Used Git/GitHub for version control and participated in code reviews and pull requests.
- Took part in daily stand-ups, sprint planning, and code reviews in an Agile environment.
- Maintained existing backend modules and shipped new features based on evolving project requirements.

Najot Ta'lim
Tashkent, Uzbekistan

Software Engineer | Backend Developer — *May 2023 – Aug 2024*

- Built backend applications using Node.js (NestJS).
- Improved API response time from 10+ seconds to ~0.2 seconds (~50x faster) by optimizing queries, restructuring data access patterns, and eliminating bottlenecks.

PROJECTS

Ombor — Logo Packaging Accounting https://ombor.elma.uz

- Inventory accounting and planning system for Elma's logo-branded napkin packaging — tracks packaging stock and supports production planning.
- Built full-stack: NestJS REST API with Prisma + PostgreSQL and Zod validation; React + TypeScript + Tailwind CSS frontend.
- Containerized with Docker and deployed to production with Dokploy.

Davomat — Employee Attendance System https://t.me/DavomatElmaBot https://davomat.elma.uz

- End-to-end attendance platform combining a Telegram bot for employees with a web admin panel for management.
- Employees register and check in/out through the bot; arrival and departure times are recorded automatically.
- Web admin panel gives managers a clear view of daily attendance, per-employee records and attendance reports.
- In production at Elma and actively used by 40+ employees daily.
- Built with NestJS, TypeORM and PostgreSQL (backend and bot) and React.js (admin panel).

Elma Avtopark https://elma-avto-park.vercel.app/

- Vehicle fleet management web application — driver reports and spare parts purchase tracking.

Aziastirka — Laundry Service Management Platform https://aziastirka.uz

- End-to-end platform for a laundry business: public website, admin panel, backend API, and Telegram bot in one integrated system.
- Customers place orders on the site; orders are persisted and pushed to Telegram in real time with inline status buttons that sync two-way with the admin panel.
- Built full-stack: NestJS REST API (JWT auth, class-validator DTOs, rate-limiting, Excel export) + React + TypeScript + Vite admin panel (installable PWA) + Next.js SSR marketing site with uz/ru i18n.
- Integrated Telegram Bot API (webhook + polling) for instant order alerts and bidirectional status updates.
- Deployed to production across three subdomains with automated CI/CD via GitHub Actions.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript
Backend: Node.js, NestJS, Express.js, Koa.js
Frontend: Vue.js, React.js, Tailwind CSS
REST API: CRUD, HTTP methods, status codes, validation (Zod, class-validator), pagination, filtering, sorting, file upload
Authentication: JWT, refresh tokens, OAuth, Passport.js
Databases (SQL): PostgreSQL, MySQL
Databases (NoSQL): MongoDB, Redis
ORM: TypeORM, Prisma, Sequelize
Messaging & Queues: RabbitMQ, BullMQ
Caching: Redis
Tools & Infra: Docker, Kubernetes, CI/CD pipelines, Grafana, Loki
Version Control: Git, GitHub, GitLab
Testing: Jest, unit testing, integration testing
Security: CORS, password hashing (bcrypt), SQL injection prevention
API Documentation: Swagger / OpenAPI
Deployment: Dokploy, Traefik, PM2, GitHub Actions, CI/CD, Linux
Monitoring & Logging: Winston, Pino

LANGUAGES

Russian: B2
English: Upper-Intermediate (IELTS 6.0)

EDUCATION



Tashkent University of Information Technologies *Sep 2026 – Jun 2028 (expected)*
Master's in Computer Engineering



National University of Uzbekistan *Sep 2019 – Jun 2023*
Bachelor's degree — Faculty of Informatics and Information Technologies