




Mahdi Moshtaghi Backend Developer (Node.js / Express.js)

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 Iran

 Mahdi-Moshtaghi

 Mahdi-M-Back

SUMMARY

Results-driven Node.js Backend Developer with proven experience architecting, securing, and deploying production-grade RESTful APIs at scale. Delivered 150+ API endpoints across multiple live systems with deep expertise in JWT/OAuth2 authentication, Role-Based Access Control, MongoDB performance optimization, and containerized Linux deployments. Committed to security-first API design, clean architecture, and writing maintainable, high-performance server-side code.

TECHNICAL SKILLS

Backend:

Node.js, Express.js, RESTful API Design, Middleware Architecture

Database:

MongoDB, Mongoose, Schema Design, MongoDB Indexing, Query Optimization, Aggregation Pipeline, Pagination, Virtual Population

DevOps & Tools:

Docker, Docker Compose, Nginx, PM2, Linux (Ubuntu), Git, GitHub, Postman, Morgan, Swagger / OpenAPI YAML

Testing:

Jest, Supertest

Languages:

JavaScript (ES6+), Python, C++

FEATURED PROJECT

[For-Check Backend Project](#)

Production-oriented Node.js/Express.js backend project built to demonstrate enterprise-grade API architecture, JWT authentication, RBAC authorization, MongoDB optimization, and containerized deployment practices. Currently in active development as a production-ready portfolio showcase.

EDUCATION

University Of Isfahan, Bachelor of Computer Science

09/2024 – Present | Isfahan, Iran

PROFESSIONAL EXPERIENCE

Solo Back-End Developer

01/2026 – 03/2026 | Isfahan, Iran

Iranian Writers Platform Backend

- **Architected 100+ RESTful API endpoints across 8 MongoDB collections**, powering complete platform functionality—content management, user administration, and multi-step editorial workflows
- **Engineered a multi-layer authentication system** integrating Google OAuth 2.0, JWT access/refresh token rotation, email verification, and password reset flows, hardening account security and eliminating common authentication vulnerabilities
- **Designed a scalable RBAC authorization system** with reusable middleware, enforcing granular permission controls across all protected routes and eliminating duplicated authorization logic
- **Optimized database performance** via strategic MongoDB indexing, aggregation pipelines, and virtual population, reducing query execution time on large document collections and improving API response speeds
- **Achieved comprehensive API test coverage** with Jest and Supertest; delivered full Swagger/OpenAPI documentation for all endpoints, accelerating frontend integration and reducing onboarding time
- **Containerized and deployed the full application stack** using Docker, Docker Compose, Nginx reverse proxy, and PM2 on Ubuntu Linux, ensuring production stability and supporting zero-downtime deployments

Back-End Developer

09/2025 – 02/2026 | Isfahan, Iran

International Marketplace Backend API

- **Developed 50+ RESTful API endpoints** supporting end-to-end marketplace operations: product listings, inventory management, order processing, and user account workflows
- **Hardened API security** by implementing Helmet, XSS Protection, Mongo Sanitize, and rate limiting, mitigating OWASP Top 10 vulnerabilities including injection attacks, XSS, and brute-force threats
- **Implemented JWT authentication with RBAC**, enforcing fine-grained access controls across multiple user roles and ensuring least-privilege data access across all platform resources
- **Boosted database query efficiency** through MongoDB indexing and cursor-based pagination, improving throughput for high-volume product catalog and user data operations
- **Built centralized error-handling middleware and Morgan request logging**, improving system observability and reducing mean time to diagnosis during production incidents
- **Authored comprehensive Swagger/OpenAPI documentation** and delivered a fully containerized deployment pipeline with Docker, Nginx, and PM2 on Linux infrastructure