

EXECUTIVE SUMMARY

Node.js Backend Developer with 4+ years of experience in building scalable, high-performance systems using Node.js, TypeScript, Express.js, and NestJS. Specialized in API development, event-driven microservices, and real-time applications using WebSocket. Experienced in working with PostgreSQL, Redis, Docker, and CI/CD pipelines for cloud-native backend environments. Currently contributing to a crypto payment gateway with multi-currency blockchain support and real-time transaction monitoring. Passionate about clean architecture, modular codebases, and building reliable backend services optimized for performance and scale.

FUNCTIONAL EXPERTISE

- Node.js, Express.js & NestJS
 - RESTful API & WebSocket Development
 - PostgreSQL, Redis & MongoDB
 - Microservices & Event-Driven Architecture
 - TypeScript, ESLint & Clean Code Practices
 - CI/CD with GitHub Actions & Docker
 - Blockchain APIs & Crypto Payment Integration
 - Performance Tuning & Distributed Systems
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PROFESSIONAL EXPERIENCE

Confidential Crypto Startup

Backend Engineer (Laravel)

October 2024 – Present | Tehran

Developed a Node.js-based backend for a cryptocurrency payment platform supporting Bitcoin, Ethereum, Tron, Toncoin, and Litecoin. Built real-time WebSocket APIs for transaction tracking and wallet updates. Designed microservices using NestJS and integrated Redis Pub/Sub for inter-service communication. Implemented secure transaction processing, dynamic gas fee estimation, and smart address handling. Utilized Docker and GitHub Actions for CI/CD pipelines and PostgreSQL for wallet management and UTXO/account-based blockchain models.

Omega Do. IT Solutions e.U

Lead Developer: Laravel & Node.js

April 2023 – October 2023 | Austria

Led backend engineering for a modular SaaS platform serving YouTube creators, built with Node.js and Laravel. Migrated legacy services to microservices using Express.js and

Redis-based queues. Integrated real-time analytics via WebSocket APIs and improved API latency using database indexing and connection pooling. Deployed services using Docker and set up CI/CD for multiple environments. Coordinated with cross-functional teams to optimize performance and system reliability.

MasterTube

Backend Developer: Laravel & Node.js

April 2021 – April 2023 | Austria

Built scalable backend systems using Node.js and PostgreSQL to support video analytics for over 50,000 users and 800,000+ daily requests. Integrated YouTube API and Redis caching to reduce response time. Designed RESTful endpoints and implemented rate-limiting and token-based authentication. Collaborated with frontend developers to deliver seamless UI integrations and real-time features via WebSocket.

RELEVANT PROJECTS

CryptoPay Gateway | Real-Time Crypto Payment Platform

Oct 2023 – Present | Confidential

Designed and built a secure, scalable backend system in Node.js for processing crypto payments across multiple blockchains. Implemented WebSocket APIs for real-time transaction updates and used Redis and PostgreSQL for data persistence. Integrated with external blockchain APIs for wallet creation, transaction status, and gas fee estimation.

Dashboard MasterTube | Content Creator Toolkit

Jan 2022 – Present | Omega Do. IT Solutions

Architected and developed backend microservices in Node.js and Express.js for a content creator platform. Enabled real-time analytics via WebSocket and developed RESTful APIs for dashboard features. Used Docker and GitHub Actions for streamlined deployments and scalable infrastructure.

OTHER RELEVANT INFORMATION

- Languages: Persian (Native), English (Limited Working)
- Technical Skills: Node.js, TypeScript, NestJS, Express, PostgreSQL, Redis, WebSocket, Docker, GitHub Actions, GraphQL, REST, Swagger, JWT, Microservices
- Complementary Skills: PHP, Laravel, MySQL
- Soft Skills: Clean Code, Team Collaboration, Problem Solving, Agile Workflow
- Awards: Laravel Developer of the Year – Freelancer.com (2020)