

Mohammad Danish

Node.js developer

ABOUT ME

Node.js Backend Developer specialized in building scalable server-side architectures, secure REST APIs, and high-performance database-driven applications using Node.js, Express.js, and MongoDB. Skilled in designing clean backend structures, implementing robust authentication systems, and optimizing API performance with efficient data models, caching, and query tuning. Strong focus on writing maintainable code, ensuring system reliability, and delivering smooth, secure backend functionality for web and mobile platforms.

WORK EXPERIENCE

2025 April- September QDEGREES SERVICES PVT LTD

Backend Development Intern

- Developed backend modules using Node.js, Express, and MongoDB with proper schema structures and modular architecture.
- Built clean, modular, and scalable RESTful APIs with proper routing, controllers, middleware, and error-handling patterns

2025 Oct- NOW FZEETECHZ PVT LTD

Node.js Developer

- Designed and developed scalable RESTful APIs using Node.js, Express, and MongoDB with schema-driven models, modular architecture, and clean code patterns. Implemented secure authentication & authorization including JWT-based login, refresh tokens, role-based access control (RBAC), and strict input validation layers. Optimized database performance through indexing strategies, aggregation pipelines, efficient query structuring, pagination, and caching for high-traffic applications. Integrated third-party services such as payment gateways, SMS/Email providers, KYC services, and analytics tools, ensuring robust error handling and logging. Implemented secure file upload flows, storage management, and media handling with validation, size restrictions, and sanitization for safe processing. Developed real-time features using WebSockets/Socket.io for notifications, event updates, messaging modules, and system-wide live interactions.

EDUCATION

Master of computer Application

CS ENGINEERING

Vivekananda Global University-Jaipur

SKILL

- Node.js
- Express.js
- MongoDB
- JavaScript(ES6+)
- Java
- REST APIs
- Git & GitHub
- Github copilot
- Tailwind CSS
- HTML
- CSS
- SASS Firebase
- Context API Socket.io
- Linux/Ubuntu Server
- Nginx Deployment
- Postman/API Testing
- Hostinger
- GoDaddy
- Domain Management

LANGUAGE

- English
- Hindi

PORJECTS

APNASHATHI – MATRIMONIAL PLATFORM

A SCALABLE MATRIMONIAL PLATFORM WITH REAL-TIME FEATURES, SECURE USER WORKFLOWS, AND COMPLETE BACKEND ARCHITECTURE.
IN APNASHATHI

KEY CONTRIBUTIONS:

- Developed the complete backend using Node.js (Express) with secure and scalable REST API architecture.
- Designed MongoDB data models, indexing strategies, aggregations, and optimized database performance.
- Implemented real-time chat and communication using WebSocket / Socket.io.
- Added JWT authentication, role-based access control (RBAC), and robust request validation.
- Built secure media upload handling, file processing flows, and storage logic.
- Integrated external services including Email providers, payment modules, and analytics tracking.
- Managed deployment, environment variables, and server configuration (Nginx, PM2, VPS).

TECH STACK

Node.js, MongoDB, Agora Api, WebSocket, Socket.io, Payment Gateway Integrations

ALSAKHA – WORKFLOW & CERTIFICATE MANAGEMENT PLATFORM

A workflow automation system for handling certificate creation, project assignments, and multi-role operational processes. Built with separate panels for Admin, Project Manager, Contractor, Sub-Contractor, and Customer, ensuring smooth coordination across all workflow stages.

KEY CONTRIBUTIONS:

- Multi-role workflow system with Admin, Project Manager, Contractor, Sub-Contractor, and Customer modules for smooth project handling. Job creation,
- assignment, verification, and approval pipeline for certificate processing and project tasks. Secure document handling
- with certificate generation, file uploads, audit logs, and status tracking across all levels. Email notifications, role-based alerts, and automated workflow updates for streamlined coordination.

TECH STACK

Node.js, Express.js, MongoDB, Mongoose, JWT Authentication, Role-Based Access Control (RBAC), Cron Jobs

Autonix – Team Analytics Platform

A structured user-growth and reward-distribution platform built with secure backend architecture, automated reward logic, and real-time team insights.

KEY CONTRIBUTIONS:

- Referral onboarding
- Automated reward engine
- Level-based performance logic
- Wallet & transaction tracking

TECH STACK

Node.js, Express.js, MongoDB, Mongoose, JWT Auth, Cron Jobs

METAFACE – GROWTH PERFORMANCE SYSTEM

A comprehensive token-driven engagement platform designed for secure wallet operations, user activity tracking, reward automation, and seamless financial workflows.

KEY CONTRIBUTIONS:

- Developed a secure token-based platform with wallet operations, transaction history, and conversion logic, ensuring safe and consistent financial workflows.
- Implemented user identity verification, role-based processing, and KYC authentication, creating a compliant and secure onboarding system.
- Integrated automated reward distribution, activity tracking, and performance-based token logic to enhance user engagement and system reliability.

TECH STACK

Node.js, Express.js, MongoDB, Mongoose, JWT Auth, Cron Jobs

VENDING MACHINE MANAGEMENT SYSTEM

A backend automation system built to manage vending machine operations including slot control, product management, stock tracking, transactions, discount flows, and real-time machine communication.

KEY CONTRIBUTIONS:

- Product, slot, and inventory management
- Machine ping, status updates, and real-time connectivity
- Cart flow, order creation, payment logic, and transaction handling
- Discount logic (add/remove/update), MRP-based pricing, and offer workflows

TECH STACK

Node.js, Express.js, MongoDB, Mongoose, JWT Auth, WebSocket, Cron Jobs, PM2, NGINX, VPS Deployment