

SUNIL MEMAKIYA

Backend Developer (Node.js)

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SUMMARY

Backend Developer with hands-on experience designing and deploying 2 production-style Node.js REST APIs (e-commerce and voting systems) with JWT authentication, role-based access control, and rate limiting on live cloud deployments. Comfortable across the MVC stack — routing, controllers, MongoDB schema design, and security middleware. Currently deepening skills in Redis caching, message queues, and microservices architecture.

SKILLS

Languages: JavaScript (ES6+)

Backend: Node.js, Express.js, REST API Design, MVC Architecture, CRUD Operations, JSON

Database: MongoDB, MongoDB Atlas, MySQL (fundamentals)

Auth & Security: JWT, bcrypt, Role-Based Access Control, Helmet.js, Rate Limiting

Tools: Git, GitHub, Postman, npm, VS Code, Render (deployment)

Currently Learning: Docker, Redis Caching, Message Queues (RabbitMQ), Microservices Architecture

BACKEND DEVELOPMENT PROJECTS

E-Commerce Backend API | *Node.js, Express.js, MongoDB, JWT*

- Designed and built 15+ REST API endpoints covering authentication, product catalog, cart, and order management using MVC architecture.
- Implemented product search with category filters and server-side pagination to optimize query performance on large datasets.
- Secured all routes with JWT authentication, bcrypt password hashing, role-based access control, rate limiting, and Helmet.js.
- Deployed on Render with MongoDB Atlas as the production database.

GitHub: github.com/memakiysunil/ecommerce-backend | **Live:** ecommerce-backend-52ui.onrender.com

Voting App Backend | *Node.js, Express.js, MongoDB, JWT*

- Built 10+ REST API endpoints for voter registration, authentication, candidate management, and vote casting.
- Implemented Aadhaar-based registration with 12-digit validation and strict one-person-one-vote enforcement logic.
- Built admin-only APIs for candidate management and real-time vote counting, with results sorted by total votes.
- Secured with JWT auth, bcrypt, role-based access control, strict rate limiting (3 attempts) on sensitive routes, and Helmet.js.

GitHub: github.com/memakiysunil/voting-app-backend | **Live:** voting-app-backend-uu0u.onrender.com

EDUCATION

Bachelor of Computer Applications — Shri Swami Vivekanand College | CGPA: 6.82 | 2023–2026

Class XII — Gujarat State Board | 71.71% | 2023

Class X — Gujarat State Board | 65.67% | 2021