

# Dhananjay Shinde

MERN Stack Developer

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🐙 [github.com/Dhananjay-M-Shinde](https://github.com/Dhananjay-M-Shinde)

## PROFESSIONAL SUMMARY

MERN Stack Developer with 2.5+ years of experience at Infosys, specializing in backend development using Node.js, Express.js, and MongoDB. Adept at building scalable REST APIs, implementing caching mechanisms, integrating third-party services, and applying secure authentication methods like JWT and OAuth2. Demonstrated ability to manage complete backend lifecycles for production-grade applications with a focus on performance, scalability, and clean code. Passionate about solving real-world problems through backend engineering.

## EXPERIENCE

12/2022 – Present  
Pune, India

### System Engineer Infosys Ltd.

- Developed and maintained 15+ backend services using Node.js and Express.js, reducing server response time by 30% and improving system scalability.
- Led backend architecture of internal modules with MongoDB and implemented optimized query structures, resulting in 25% faster query performance.
- Engineered secure JWT-based authentication with refresh tokens and OAuth2 integration for enhanced access control.
- Collaborated with frontend teams (React/Angular) to ensure seamless API consumption and feature delivery.
- Created reusable middleware for error handling, request logging, and Joi-based validation to standardize API behavior across 5+ modules.
- Participated in code reviews, sprint planning, and Agile ceremonies contributing to team-wide best practices.

## EDUCATION

08/2018 – 07/2022  
Aurangabad

### Bachelor of Technology (B.Tech) in Mechanical Engineering CSMSS College of Engineering, Aurangabad CGPA: 8. (First Class with Distinction)

06/2017

### 12th (HSC) VP College Grade: 72%

## SKILLS

### Backend

Node.js, Express.js, MongoDB, Mongoose, RESTful API Development, JWT Authentication, , Redis, OAuth2, Caching Strategies

### Tools & Platforms

Git, Postman, Cloudinary, Vercel

### Frontend

React.js, Redux Toolkit, Angular

### Other

Agile Methodology, API Security, Error Handling & Logging, Data Modeling

## PROJECTS

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### TravellerBug – Full-Stack Travel Planner Web App: Website Link [↗](#)

- Developed and deployed scalable RESTful APIs using Node.js, Express.js, MongoDB, and Redis, handling 300+ requests/min with rate limiting and caching via IORedis.
- Engineered secure authentication with JWT, Google OAuth 2.0 (Passport.js), and OTP verification via Twilio and SendGrid.
- Integrated Cloudinary with Multer for optimized image uploads and profile/travel media management.
- Built advanced trip planning and discovery features using Google Maps and Places APIs with autocomplete and nearby search.
- Enforced production-grade security (Helmet.js, express-rate-limit, Mongo-sanitize, CORS) and global error handling.
- Deployed to Render.com [↗](#) with health checks, background cleanup jobs (node-cron), and real-time feedback analytics dashboard.
- Designed collaborative trip management features, user CRUD operations, and intelligent batch photo processing

### Expensify – Personal Expense Management Tool : Github Link [↗](#)

- Designed backend services to handle CRUD operations for daily expense tracking.
- Developed user-specific data segregation, authentication, and analytics features using Node.js and MongoDB.
- Implemented data visualization support (for frontend) by serving summarized financial data endpoints.

### Saree Firm Management System – Inventory & Sales Dashboard : Github Link [↗](#)

- Developed a multi-branch backend system using Node.js, Express, and MongoDB for managing saree stock, orders, and revenue tracking.
- Integrated role-based user access for branch admins and centralized analytics APIs for business insights.
- Designed data models for product catalog, order history, and branch-level sales metrics.

## Languages

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| • English | • Marathi | • Hindi |
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