

SANDEEP DHANWATE

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Projects

Internet Banking System (Backend) – *Node.js, Express.js, MongoDB*

Apr 2025 – Present

- Developed secure, scalable APIs for account, ATM, and fund transfer services with JWT & Bcrypt authentication
- Implemented role-based access control; improved transaction speed by 50% and reduced latency by 40%
- Integrated Axios for inter-service API calls, boosting system integration by 80%
- Applied modular code structure and optimized MongoDB queries for performance and maintainability

Bug Tracking System (Backend) – *Node.js, Sequelize, SQLite*

Mar 2025 – Present

- Built full-featured bug tracker with ticket creation, role-based access, developer assignment, and commenting
- Secured APIs using JWT and middleware; added Jest tests covering 20% of backend logic
- Enhanced backend speed by 40% with optimized SQL and async handling
- Focused on debugging, error logging, and modular design for maintainability

Hotel Booking System (Backend) – *Node.js, Express.js, MongoDB*

Mar 2025 – Present

- Created backend for hotel search and booking with secure multi-role JWT login (admin/customer)
- Designed REST APIs tested with Postman; ensured 100% endpoint functionality
- Integrated Axios for service communication; improved booking reliability by 80%
- Fixed bugs and optimized queries to boost performance and UX by 45%

Technical Skills

Language : Node.js, JavaScript, Express.js, Sequelize ORM, MongoDB, PostgreSQL, SQLite, Jest, Supertest, Docker

Tools : VS Code, Postman, Git, Replit.

Certifications/Training

Backend Development Certification — **Invact**

July 2024 – Mar 2025

Education

Diploma in Mechanical Engineering — Mould Technology

Central Institute of Plastics Engineering & Technology (CIPET), Bhopal

Completed: 2015