SANDEEP DHANWATE

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Projects

Internet Banking System (Backend) – *Node.js, Express.js, MongoDB*   **Apr 2025 – Present**

- Built secure APIs for account management, ATM, and money transfers (account to account, account to card, card to card) using JWT and Bcrypt.
- Added role-based access control to manage user permissions.
- Integrated Axios for inter-service API calls, boosting system integration.
- 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 of backend logic
- Enhanced backend speed 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 JWT login for admin and customer roles
- Designed and tested REST APIs using Postman to ensure all endpoints work correctly
- Used Axios for communication between services, making the booking process more reliable
- Fixed bugs and improved database queries to enhance performance and user experience

Technical Skills

Language : Node.js, 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**