DEEPANSHU RAWAT|BACK-END DEVELOPER

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PROFESSIONAL PROFILE

Dedicated Backend Developer with a proven track record in Node.js development since Oct 2022. Demonstrated expertise in designing, implementing, and maintaining robust server-side solutions. Proficient in JavaScript, Node.js, Express, MongoDB, SQL, and API integration. Adept at collaborating with cross-functional teams to deliver high-quality projects. Strong attention to detail and a commitment to best practices.

SKILLS

- REST API's
- Node.JS
- JavaScript
- Express
- MongoDB
- MySQL
- API Integration
- Data Validation
- Data Encryption
- Authentication
- Authorization
- Ability to learn and implement new languages, libraries, frameworks and other tools quickly.
- Positive English with good communication skills, both written and verbal

EXPERIENCE

Software Engineer
RIPENAPPS TECHNOLOGIES | Jun 2025 – Present

- Develop and maintain scalable server-side applications using **Node.js**, **Express.js**, and related technologies.
- Design and implement RESTful APIs for front-end integration.
- Create and optimize **SQL/NoSQL database queries** to ensure performance, reliability, and data consistency.
- Write clean, modular, and maintainable code following industry best practices and design patterns.
- Analyze requirements and provide scalable, efficient solutions to complex technical problems.
- Deployment and manage application on AWS

Node.js Back-end Developer (Probation Period)
HOLIDAYS CROWD | Feb 2024 – May 2024

- Develop and maintain server-side applications using Node.js and related technologies.
- Design and implement RESTful APIs for front-end integration.
- Write and maintain efficient database queries.
- Implement security measures to protect sensitive data.
- Collaborate with front-end developers to integrate server-side functionality with the user interface.
- Write and maintain unit tests to ensure quality.
- Deploy and manage applications on cloud platforms like AWS.
- Stay updated with new technologies and best practices.
- Provide technical guidance to other developers and stakeholders.

Node.js Developer
TECHUGO | Jan 2023 – Dec 2023

- Collaborate with cross-functional teams on ongoing and live projects, focusing on the server-side development.

- Design, test, and deploy APIs in coordination with team members.

Key Responsibilities:

- Develop and deploy Node.js code, implementing robust security measures.
- Collaborate with front-end developers to ensure seamless integration.
- Diagnose and rectify code flaws to maintain optimal performance.
- Create comprehensive test suites to validate functionality.
- Interface server-side code with databases and optimize for performance.
- Ensure alignment between server-side code and front-end components.

Node.js Intern
TECHUGO | Oct 2022 - Jan 2023

- Assisted senior developers in various projects, gaining hands-on experience in JavaScript, Node.js, Express, MySQL, and Postman API testing tool.
- Developed personal projects, optimizing code for efficiency and effectiveness.

PROJECTS

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Tours And Travels

On this ongoing project I have implemented various functionalities, main ones are enlisted below

- *Link* to website.
- **Website Registration**: Users can register and log in using their mobile number. After login, they are provided with an Access Token for further authentication and authorization, which is generated using *JWT (JSON Web Token)* .
- **Booking Travel Packages**: Users can book their travel package online through *Razorpay*, using a wallet and coupon features provided on the website.
- **Partial Payments**: Users can make partial payments using online methods provided through the website (*Razorpay*) or offline, where the admin can log payments manually.
- **Email Confirmation**: Users receive a confirmation email after successful booking. I have implemented this feature using *Nodemailer*.
- **EMI Payment Option**: Users can check their eligibility choose to pay through EMI using a third-party service provider.
- **Profile Management**: Users can access their profile to change their profile details and picture. I have used *Amazon S3 and Multer* for this functionality.
- **Wallet Section**: Users can add money to their wallet through *Razorpay* and view all debit and credit transactions, including refunds from booking cancellations.
- **Trip Information**: Users can check their trip section for upcoming, past, and cancelled trip details.
- **Invoice and Receipt Download**: Users can download invoices and receipts for their payments. I used *EJS and Puppeteer* for this feature.
- **Add Travellers:** Users can add travellers for easier group package booking in the future.
- **Cancellation and Refunds**: Users can cancel their booking after reviewing cancellation charges. Refunds are credited to their wallet.
- **Flight Booking**: Users can also search and book flights.

  For the admin side:
- **View All Bookings**: Admin can view detailed information for all bookings, including customer details, payment status, and booking dates.
- **Manage Payments**: Admin can log payments, mark payments as "not paid," or revoke payments. When a payment is revoked, it is reversed and marked as unpaid.
- **Payment Verification**: Admin can verify or disapprove payments based on the booking requirements and payment status.
- **Instalment Management**: Admin can set and adjust instalment due dates for customers who are on a payment plan.

Online Market Place like OLX

- *Link* to project details.

- Spearheaded the development of a dynamic online marketplace with three distinct panels: Admin, Business Owners, and Customers.
- Empowered Customers to buy and sell old goods and products, while enabling Business Owners to add new products for customer purchase.
- Facilitated Subscription-based permissions for Business Owners, allowing them to access additional features and advertisements.
- Granted full control to Admins for platform management, including accepting Business Registration Requests, and managing products, subscriptions, and advertisements.
- Implemented robust backend functionalities using Node.js with MySQL, ensuring scalability and reliability of the system.
- Integrated API integration using jQuery for seamless communication between frontend and backend systems.
- Developed intuitive and responsive frontend interfaces using HTML and jQuery to enhance user experience.
- Implemented JWT (JSON Web Token) for secure authorization and JOI validation for data integrity and validation.

E-Commerce Website Backend

- *Link* to project details.
- Developed a comprehensive backend system for an e-commerce website, facilitating various functionalities:
    - User registration and login with JSON Web Token (JWT) authentication for both users and vendors.
    - Management of multiple addresses for users and addresses.
    - Product management including adding, removing, and categorizing products, subcategories, and categories.
    - Shopping cart management allowing users to add or remove products, place orders, and view order lists with statuses and image URLs.
    - Order details with status tracking and the ability to change statuses.
    - Vendor's view of their ordered products.
    - Importing and exporting tables/data with MySQL in XLSX format.
    - Uploading single and multiple images using MULTER.
    - Updating the status of orders and downloading webpages as PDFs.
- Implemented Node.js runtime environment for backend development, utilizing JavaScript.
- Employed JOI for validation (e.g., requirements, length of usernames and passwords) and BCRYPT for secure password hashing and salting.
- Leveraged Express framework for streamlined development.
- Utilized MySQL database for storing and managing data, ensuring efficiency and reliability.
- Conducted building, testing, and modification of APIs using Postman API development tool.

EDUCATION & QUALIFICATION

- Bachelor of Computer Application (BCA) - HRIT/CCS University
- 12th CBSE Board - St. Francis School
- 10th CBSE Board - St. Francis School