

MD WASIM HASAN / Backend Developer

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PROFESSIONAL SUMMARY

Aspiring Backend Developer with project-based experience in Node.js, Express.js, and MongoDB. Built and deployed RESTful APIs following MVC patterns, implemented secure authentication, and developed reusable middleware for validation, error handling, and logging. Seeking an entry-level backend role to contribute to production-ready services.

TECHNICAL SKILLS

- **Programming:** JavaScript (ES6+)
- **Backend:** Node.js, Express.js
- **Database:** MongoDB, Mongoose (schema design, CRUD)
- **API & Security:** REST APIs, Authentication (bcrypt, session-based auth), Input validation
- **API Features:** Pagination, Filtering, Rate limiting
- **Tools & Deployment:** Git, GitHub, Postman, Render, MongoDB Atlas, Multipart, Cloudinary

PROJECTS

Airbnb Backend Clone

Tech: Node.js · Express.js · MongoDB · Mongoose

- Designed and developed 5+ RESTful APIs for users, listings, and authentication modules.
- Implemented session-based authentication using bcrypt, supporting 100+ test users during validation.
- Built an image upload pipeline (Multipart → Cloudinary), handling 60+ property images in tests.
- Applied MVC architecture and centralized error-handling middleware for maintainability.
- Added pagination & filtering, improving API response efficiency by ~25–30%.
- Deployed on Render with MongoDB Atlas; added input validation and structured logging.

Coupon Management

Tech: Node.js, Express.js, REST APIs

- Built REST APIs to create and manage e-commerce coupons.
- Implemented eligibility checks based on user and cart conditions.
- Calculated flat and percentage discounts with validation rules.
- Selected the best coupon using maximum discount logic.
- Designed APIs with modular validation and reusable logic for scalability.

Currency Converter Web App

- Built a currency converter using HTML, CSS, and JavaScript.
- Used Fetch API to retrieve real-time exchange rates.
- Handled API response parsing and error cases (invalid input / network issue).
- Implemented a clean, responsive UI for better user experience.

PROFESSIONAL DEVELOPMENT

Private Tutor / Home Tutor (2020 – 2022)

- Conducted home-based tutoring for school and college students.
- Taught basic computer concepts, logical reasoning, and problem-solving techniques.
- Helped students build strong fundamentals through structured practice and clear explanations.

EDUCATION

- Master of Computer Applications (MCA) | 2022 – 2024

Deccan College of Engineering and Technology (Osmania University)

Relevant coursework: Database Systems, Web Technologies, Software Engineering

SOFT SKILLS

Backend debugging · API design thinking · Code optimization · Team collaboration