Ritik Trivedi *Software Developer*

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github.com/ritik4400

Profile

Backend Developer with **6 months** of hands-on experience in **Node.js, Express.js, and MongoDB**, building secure and scalable REST APIs. Skilled in **JWT authentication, database management (MongoDB & MySQL), and unit testing (Mocha, Chai, Sinon)**. Passionate about writing clean, efficient code and optimizing API performance. Experienced with **performance testing (k6, JMeter)** and **role-based access control (RBAC)**. Open to opportunities , eager to contribute to high-impact backend systems.

Professional Experience

Software Developer Intern   2024/07 – 2024/12 | Baner, Pune
Amazure Technologies

- **REST APIs**: Designed and built RESTful APIs using Node.js and Express, ensuring seamless communication between the frontend and backend services.
- **Debugging**: **Diagnosed and fixed bugs** within the backend logic, ensuring smooth operation and preventing errors from reaching the production environment.
- **Performance Tuning:** Optimized the performance of backend code, improving server response time and reducing resource usage.
- **Feature Development**: Collaborated with the team to add new features and improve existing functionality in the backend.
- **Secure Coding Practices**: Followed best practices for secure API development, including data validation, authentication, and protection against common vulnerabilities.
- **Teamwork:** Worked with cross-functional teams to deliver features on time and with high quality.

Skills

Backend: Node.js, Express.js, REST APIs, JWT (Authentication), Bcrypt (Password Hashing), Joi (Validation), Mocha & Chai (Unit Testing), Core Java, Async/Await, Middleware

database: MongoDB (Mongoose ORM), MySQL (Sequelize ORM), Aggregation Pipelines

Tools: Postman (API Testing), VSCode, Git & GitHub (Version Control), JIRA (Agile Project Management), k6 & JMeter (Performance Testing)

SoftSkill: Problem-solving , Communication , Team collaboration , Time management , Attention to detail

Frontend: Basic HTML, CSS, JavaScript

Projects

Ecommerce project
Developed a dynamic eCommerce platform using Node.js and Express, featuring secure user authentication with JWT and password encryption with bcrypt. The application supports product management, user registration, and order processing.

User Management project
This is a User Management System built with Node.js and MongoDB (Mongoose). It includes JWT authentication, password encryption with bcrypt, and role-based access control (RBAC) for security. Users can be managed with pagination, filtering, and sorting. The system is well-tested using Mocha, Chai, and Sinon to ensure reliability.

Education

Bachler In Science   2020/03 – 2023/03 | ShivajiNagar, Pune
modern college of arts science and commerce

Courses

Java and SpringBoot   2023/07 – 2024/03 | Shivajinagar, Pune
Seven Mentor