Sourabh Thakur

Backend Developer

Engineered robust backend solutions that improved system performance, achieving a 30% reduction in response time for API calls and overall user satisfaction

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SKILLS

`Docker` `Javascript` `MySQL` `Typescript` `Node.js` `Express Js` `Sequelize` `Redis`

`Rest API` `JIRA` `Git - Version Control` `Jenkins` `OOPS`

WORK EXPERIENCE

Backend Developer
Rattanindia Enterprises Limited

05/2022 - Present

Achievements/Tasks

- Developed scalable, secure RESTful APIs using **Node.js** and **TypeScript**, achieving a 25% reduction in runtime errors
- Automated email notifications and critical error tracking with **Cron jobs**, reducing downtime by 20%.
- Streamlined deployments via **Docker** and **Jenkins**, cutting deployment time by 50%.
- Implemented **JWT authentication** and SQL injection prevention, improving security and user data protection.
- Designed API logging and monitoring systems, reducing error resolution time by 37%.
- Created real-time streaming solutions using **Socket.io**, ensuring low latency and high performance
- Drafted comprehensive API documentation using **Swagger/OpenAPI**, accelerating developer onboarding by 20%.
- Designed and maintained **CI/CD pipelines**, ensuring seamless integration and deployment workflows.
- Integrated rate-limiting mechanisms to prevent system abuse, improving API reliability.
- Optimized database queries by implementing Redis caching, significantly reducing load times for high-traffic endpoints.

Intern
Bizrise Technologies Pvt. Ltd.

09/2021 - 04/2022

Achievements/Tasks

- Developed and deployed RESTful APIs in **Node.js**, integrating end-to-end functionalities for improved backend performance.
- Implemented **JWT authentication** for secure API endpoints, ensuring user and data integrity.
- Strengthened backend knowledge in **TypeScript**, **MySQL**, and **Sequelize** through practical application.

EDUCATION

Bachelor's Degree
Chitkara University

08/2018 - 07/2022   *8 CGPA*

Courses

- Computer Science & Engineering