ROHIT SINGHAL

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PROFILE SUMMARY

Backend Developer with 2+ years of experience in Node.js, NestJS, MongoDB, and MySQL, skilled in DSA, problem-solving, and optimizing scalable backend solutions. Experienced in API logging (Elasticsearch) and SLO-based monitoring for performance and reliability.

EDUCATION

B.Tech in Computer Science   2019 - 2023
GLA University, Mathura UP
CGPA- 8.13

SKILLS

Programming Languages: JavaScript, TypeScript, Core Java, Python3

Data Structures & Algorithms (DSA): Problem-solving, Algorithm optimization

Web Technologies: Node.js, Nest.js

Methodologies: Scrum, Agile

Database: SQL Server 2020, MySQL, Mongo DB

Front End Tools: HTML, CSS

Software Tools: Microsoft Visual Studio 2022, Git, SQL 2020, VS Code 2022

EXPERIENCE

SDE-1   Jan 2023-Present
Backend Developer | Physics Wallah Private Limited   *Noida, Uttar Pradesh*

- Develop and unit test applications in adherence to established standards.
- Actively participated in code reviews, providing constructive feedback and suggestions for code improvements.
- Ensured coding standards and guidelines were adhered to throughout the development lifecycle.
- Managed individual project priorities, deadlines, and deliverables also Coordinated with cross-functional teams to ensure timely completion of projects.
- Developed applications using Node.js, Nest.js, Mongo DB, and MySQL.
- Participate in agile projects, and daily SCRUM calls, and provide task updates to ensure efficient project execution.

PROJECTS

1. Design Requisition Web Portal

   A workflow automation system for managing design requests at PhysicsWallah, built with Node.js, MongoDB, and TypeScript, automates request approvals, team assignments, and design delivery, ensuring efficient collaboration and streamlined processes.

2. Test Evaluation Web Portal

   Automated student copy evaluation system using Nest.js, MongoDB, and AWS SQS, enabling data retrieval, evaluator assignment, email notifications, automated reassignment, and score updates across services with seamless admin integration.

3. Learning Management System Web Portal (LMS)

   Developed a robust LMS with online degrees, coding projects, and masterclasses, integrating Sphere Engine for coding assessments, Razorpay for payments, and optimizing performance in Node.js, NestJS, MongoDB, and MySQL to enhance learning engagement and system stability.