

Naveen Jangra

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Summary

Software Engineer with 2+ years of experience in building scalable back-end systems and microservices. Skilled in Node.js, NestJs, MongoDB, and MySQL with a focus on performance optimization and system reliability. Proven track record in improving user engagement by 50% through innovative notification services and improving decision making with data-driven solutions. Strong problem solving skills and a commitment to continuous learning and contributing to open source projects.

Experience

Yatra.com

Gurugram Haryana, India

SOFTWARE ENGINEER

Aug. 2023 - Present

EASEHAUL

- Designed and deployed a highly scalable microservices architecture, utilizing AWS S3 for efficient file storage and Akamai Net-Storage for fast and reliable content delivery. This solution ensured seamless file management, improved performance, and enhanced reliability for content delivery across various platforms.
- Architected a comprehensive notification microservice enabling multichannel delivery via SMS and email, utilizing interactive content templating that boosted user engagement and improved personalized communication experience by 50%.
- Engineered a data analysis microservice that transformed raw data into actionable metrics, enhancing strategic planning and operational efficiency; empowered data-driven decisions, resulting in a 25% improvement in key performance indicators at Yatra Freight Services.

Yatra Freight Services

- Structured and built high-performance backend systems using the MEAN stack (Node.js, MongoDB and Express.js)
- Devised robust APIs optimized for scalability, supporting thousands of simultaneous users, and achieved a 99.99% uptime, leading to a 40% increase in user satisfaction under heavy traffic loads.
- Enhanced back-end code for performance and security, achieving a 25% faster load time and reducing security vulnerabilities by 40%, ensuring a smoother user experience and higher user satisfaction.

High Radius

Haryana, India

SOFTWARE ENGINEER INTERN

Jan. 2022 - Apr. 2022

- Architected and implemented a robust backend system for a full-stack web application; aligned design with user requirements and ensured seamless front-end integration, boosting performance by 30% and reducing errors.
- Achieved expert proficiency in backend technologies, optimizing server processes, enhancing database efficiency, streamlining API interactions, resulting in a 35% increase in system reliability.

Projects

FACE MASK DETECTION SYSTEM

- Developed a system using Python, OpenCV, and Anaconda libraries to monitor 100% mask compliance during the COVID-19.
- Utilized real-time video analysis to detect whether individuals were wearing masks, potentially contributing to public health efforts and potentially saving thousands of lives.

RECO MUSIC RECOMMENDATION

Open Source Contribution

- Integrated a feature that prompts users for feedback on songs, utilizing the Spotify API to capture preferences and dynamically suggest personalized tracks, enhancing user engagement and music discovery experience.

Education

Chandigarh University

Punjab, India

B.E. IN COMPUTER SCIENCE AND ENGINEERING. CGPA (8/10)

July. 2019 - July. 2023

- Received a JEE Score-based Scholarship, awarded to promising students in the Engineering Department.

Skills

Programming NodeJs, NestJs, JavaScript, SQL, MongoDB, ReactJs, C, C++, Python, Java

Tools OOPs, Data Structure and Algorithms, Aws, Gcp, Git, Github, Gitlab, DBMS, AwsS3, Akamai Netstorage

Coding Platforms Leetcode (750+) , Codechef (150+) , HackerRank (150+)

Operating Systems Windows, Linux, MacOS, Android

Languages Hindi, English, Punjabi