

Naveen Jangra

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Summary

Backend Engineer with 4+ years of experience architecting scalable microservices and high performance APIs and distributed systems. Expert in Node.js, MongoDB, MySQL, and event driven patterns using Kafka, RabbitMQ. Proven success in optimizing critical APIs cutting execution time from 15 minutes to 1 second and designing large scale data processing systems, including real-time coupon engines for 10M+ users. Skilled in building fault tolerant services, crafting multi-channel notification platforms that boost user engagement by 50%, and developing data-driven microservices that elevate product decision-making.

Experience

Americana Group

India

SOFTWARE ENGINEER II

July 2025 - Present

- Spearheaded API optimization for high-traffic retail brands (KFC, Pizza Hut, Wimpy) reducing processing time from over 15 minutes to less than 1 second using MongoDB bulk operations, advanced mongo aggregation pipelines, and Aerospike batch processing.
- Engineered a dynamic coupon generation engine capable of reading and processing data from a Parquet (PQT) file containing approximately 10 million users, enabling real-time personalized coupon distribution for targeted marketing campaigns.
- Delivered backend solutions that improved transactional efficiency and scalability across multiple brands, leveraging modern NoSQL and distributed database strategies to enhance user engagement and operational reliability.

Yatra.com

Haryana, India

SOFTWARE ENGINEER

June 2023 - June 2025

Project: EASEHAUL

- Designed and deployed a highly scalable microservices architecture, utilizing AWS S3 for efficient file storage and Akamai (CDN) NetStorage 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.

Project: 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.

Fiat Consultancy Services

Haryana, India

SOFTWARE ENGINEER

June 2022 - June 2023

- Backend Engineering: Developed and implemented a robust backend system for a full-stack web application using Node.js and NestJS, which enhanced system performance.
- Database & API Optimization: Leveraged MongoDB to optimize database efficiency and streamlined API interactions, resulting in a 35% increase in overall system reliability.
- Technical Growth: Developed expert-level skills in modern backend technologies and microservices, achieving high performance and reliability metrics throughout the internship.

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.

Skills

Languages JavaScript, TypeScript, Python, Java

Frameworks Node.js, NestJS, Express.js, Koa

Databases MongoDB, MySQL, Aerospike, Redis

Tools Git, Docker, Aws, Grpc, Kafka, RabbitMQ

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