

VISHAL JAISWAL

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SUMMARY

Backend Developer with 2 years of experience in Node.js, TypeScript, Express.js, AWS, and MongoDB. Successfully designed and implemented RESTful APIs and microservices, enhancing system performance and scalability.

PROFESSIONAL EXPERIENCE

Backend Developer, Atrois Software

Jan 2024 – Present

Mohali, Punjab

- Designed and implemented high-performance RESTful APIs for Shahaya (therapy), CM-App (delivery), and Wave (dating) applications, facilitating seamless communication, real-time GPS tracking, and secure user authentication.
- Leveraged Node.js, Express.js, and Nest.js to build scalable and efficient backend systems, ensuring low-latency responses and high throughput for thousands of concurrent users.
- Deployed and managed APIs on AWS (Amazon Web Services), utilizing services like EC2, S3, and Lambda for scalable and reliable cloud infrastructure.

Backend Developer, Klythe Software

Nov 2022 – Dec 2023

Mohali, Punjab

- Developed and implemented a product synchronization module for the Payever project, enabling seamless and efficient synchronization of product data across multiple microservices.
- Implemented event-driven communication using message brokers (e.g. RabbitMQ) to enable real-time data synchronization between microservices.
- Utilized Nest.js to build a scalable and maintainable backend system, following microservices architecture principles to ensure modularity and fault tolerance.

PROJECTS

Sahhaya

- Designed and developed high-performance RESTful APIs for Shahaya, a therapy application, enabling seamless communication between the frontend, backend, and third-party services.
- **Tech Stack:** Javascript, Express.js, Socket.io, Mongodb and Razorpay.

ClickMovers (Delivery App)

- **Prompt Engineering:** Designed and optimized system messages to guide AI behavior, ensuring accurate and context-aware responses for delivery-related queries, such as delivery booking, find Jobs for driver.
- Designed and optimized MongoDB databases, implementing sharding, indexing, and aggregation pipelines to handle large volumes of order and user data efficiently.
- **Tech Stack:** Express.js, MongoDB, Stripe, Node.js and JWT.

TECHNICAL SKILLS

Programming: TypeScript, Javascript Node.js, Express.js, Nest.js, REST APIs, Socket.io.

Database: MongoDB, Mysql, Redis.

Development Tools: Nginx, AWS EC2, AWS S3 and AWS Lambada, Postman, Git.

EDUCATION

Bachealor of Technology in Mechanical, Chandigarh Group of Colleges

2016 – 2020