

# VISHAL JAISWAL

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## SUMMARY

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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

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### 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

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### 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

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

**Database:** MongoDB, Mysql, Redis.

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

## EDUCATION

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Bachealor of Technology in Mechanical, Chandigarh Group of Colleges

2016 – 2020