

# Sukhchain Singh

## Software Engineer

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## SUMMARY

With over 3+ years of experience as a Node Js Developer, I excel in backend engineering, focusing on implementing and optimizing robust systems.

I prioritize security best practices in backend development and maintain a commitment to staying updated with emerging trends and technologies.

I possess a deep understanding of both relational databases like PostgreSQL and non-relational databases such as MongoDB and Redis, adept in their design, optimization, and administration. My skills include crafting scalable APIs, implementing rigorous error handling and recovery strategies, and proficiently troubleshooting complex backend issues. I am well versed in backend testing frameworks and methodologies, ensuring high quality code through testing and review processes.

## PROFESSIONAL EXPERIENCE

### Software Engineer-Nodejs

#### Wits Innovation Lab

10/2022 - Present Mohali, Punjab

### Software Developer

#### Blupin Technologies Pvt. Ltd (Mylo)

04/2021 - 07/2022 Gurgaon, Haryana

## ROLES AND RESPONSIBILITIES

### Strengths

- > Design, develop, and maintain scalable and efficient backend systems according to project requirements.
- > Create and maintain RESTful APIs to facilitate communication between the frontend and backend components of the application.
- > Design and optimize database schemas, write SQL, NoSQL queries, and implement database schemas as needed for data storage and retrieval.

## SKILLS

- > **Languages** - Javascript, TypeScript
- > **Frameworks** - Node Js, Express Js, Nest Js
- > **Databases** - MongoDB, PostgreSQL, Redis
- > **DevOps** - Nginx, Docker, Git
- > **Message Broker** - Kafka, Rabbit MQ
- > **Architecture** - Microservices, Monolithic

## EDUCATION

### Bachelor of Technology in Computer Science

#### (P.I.E.T) Kurukshetra University

08/2016 - 11/2020 Panipat, Haryana

## PROJECTS

### ONDC Reference Logistics Application (Witslab)

- > Played a key role as a backend developer in the development of the ONDClogistics app.
- > Utilized Node.js to implement microservices architecture for robust backend functionality.
- > Collaborated closely with frontend developers and stakeholders to ensure seamless integration.
- > Focused on adhering to the API contract, defining clear specifications for consistent communication.
- > Contributed to the creation of a reliable, scalable, and efficient solution for logistics management

### ONDC - Shopify Ecommerce Adapter (Witslab)

- > Led the development of a plug-and-play adapter in Node.js for Shopify sellers to seamlessly onboard onto the ONDC network.
- > Streamlined the onboarding process by eliminating the need for extensive knowledge of the ONDC protocol and technical support.
- > Reduced onboarding time from 4-5 months to just a couple of days by leveraging the adapter.
- > Oversaw the entire project, from conceptualization to implementation, ensuring alignment with project goals and timelines.
- > Write unit tests, perform integration testing, and participate in code reviews to maintain code quality and identify and fix bugs.
- > Identify and resolve performance bottlenecks in backend systems through code optimization, database tuning, and caching strategies.
- > Working with DevOps teams to implement continuous integration and deployment processes to streamline development workflows.
- > Participating in code reviews to ensure code quality, maintainability, and adherence to coding standards.
- > Optimize backend performance through profiling, monitoring, and tuning of code, databases, and infrastructure.
- > Manage databases, write queries, and optimize performance.
- > Working with product managers to understand user requirements. the adapter met the needs of Shopify sellers and the ONDC network.
- > Implemented robust error handling and documentation to facilitate easy adoption and troubleshooting.
- > Played a pivotal role in enabling Shopify sellers to effortlessly integrate with the ONDC network, enhancing accessibility and scalability.

## LANGUAGES

- > English
- > Hindi
- > Punjabi