

# Saurabh Tiwari

☐ +91 9340228113 | 10c.saurabhtiwari123@gmail.com | [LinkedIn](#)

## SUMMARY:

Experienced backend developer leveraging Node.js, MongoDB, and Express.js to create efficient, scalable solutions Proficient in JavaScript, TypeScript, CI/CD, Docker, and Terraform. Adept at crafting high-performance backend architectures and collaborating with functional analysts and SAP developers to deliver robust APIs.

## TECHNICAL SKILLS:

- **Backend:** JavaScript, Node.js, Express.js, TypeScript, Python, Django
- **Database:** MongoDB, MySQL, Sequelize
- **Tools:** Docker, Azure DevOps, Git, Terraform

## EXPERIENCE:

**Software Development Engineer (SDE) - Jio Platforms Limited** | July 2022 - Present

- Collaborated closely with frontend developers to integrate backend services seamlessly, optimizing application performance and user experience.
- Actively participated in code reviews and provided constructive feedback to team members, fostering a culture of continuous improvement and knowledge sharing.
- Developed and maintained documentation for APIs, including endpoint descriptions, request and response formats, and authentication mechanisms.
- Implemented authentication and authorization mechanisms such as JWT (JSON Web Tokens) and OAuth 2.0 to secure REST API endpoints and protect sensitive data.
- Investigated and resolved complex technical issues related to backend services, working closely with cross-functional teams to identify root causes and implement effective solutions.

## PROJECTS:

### B2B Sales Management System:

- Develop a comprehensive sales management system for B2B transactions, incorporating features such as inventory management, order processing, and customer relationship management (CRM).
- Implement RESTful APIs using Node.js and Express.js to handle backend functionalities, including user authentication, product catalog management, and order tracking.

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### Jio Local Distributor (JLD):

- Develop a comprehensive management system for local distributors to track sales, manage inventory, and facilitate the distribution of SIM cards to retailers.
- Implement backend functionalities using Node.js and MongoDB to handle distributor accounts, inventory management, order processing, and reporting.
- Create a web-based dashboard using React.js for distributors to view sales analytics, monitor stock levels, and track distributor performance.

## EDUCATION:

**Gyan Ganga Institute Of Technology And Sciences** | August 2018 - June 2022

B.Tech in Electronics And Communications