

SHUBHAM JOSHI

Software Development Engineer

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CAREER SUMMARY

Results-oriented MERN Stack Developer with a strong foundation in Node Js, React, Nest Js, and Docker. Proven expertise in delivering high-quality, scalable, and efficient software solutions. Experienced in designing robust back-end systems and creating dynamic, user-centric front-end interfaces. Adept at leveraging the MERN stack to develop modern, performance-driven applications.

SKILLS

- **Frameworks/Libraries:** React JS, Kafka, Nest JS, Node Js, Express, RabbitMQ.
- **Language:** JavaScript, TypeScript, CSS, HTML.
- **Database:** PostgreSQL, MongoDB.
- **Cloud/DevOps:** Git, Linux, Nginx, Docker.

WORK EXPERIENCE

Wits Innovation Lab.

Software Developer - MERN Stack Developer

January 2022 – Present

- **Implemented micro-services architecture**, enhancing the system by 30% ,**reducing response time by 20%**.
- Orchestrated the implementation of Rest for seamless communication between 5+ micro-services, resulting in a **40% reduction in latency** and a 25% increase in overall system reliability.
- **Employed Kafka** as a message broker, facilitating asynchronous communication and decoupling components.
- Collaborated cross-functionally to identify and implement system optimisations, enhancing overall efficiency.

KEY PROJECTS

Carson (Online Auction Platform):

- Contributed as a full-stack developer to an online auction platform, implementing a seamless backend using Node Js with Express.
- Integrated third-party APIs for real-time auction data, developed **web hooks** to handle event-driven updates, and implemented **RabbitMQ** for an efficient messaging queue system.
- Utilized MongoDB as the database with **Mongoose** ODM for schema management and data modelling.
- Designed and developed dynamic and responsive frontend components using React Js, **styled-components**, and **Context API** to ensure an intuitive and engaging user experience.

Buyer Web App(ONDC Integration)

- Contributed as a backend developer to the **micro-services-based** e-commerce platform, utilising **Express** and **Node Js** for backend development.
- Worked with **MongoDB** as the database management system, **Kafka** for event streaming, and **Nginx** for efficient service orchestration.
- Played a key role in the development and maintenance of multiple Micro services within the project, ensuring seamless communication and collaboration among various components.
- Integrated the platform with **ONDC**, enabling standardised and interoperable e-commerce transactions.

EDUCATION

- **Bachelor of Computer Science | 76% (Honours) | Uttarakhand Technical University**