

# Shrey Misra

A software engineer with 2+ years of experience in web and full stack development. Strong problem solving skills and a team player with ability to manage timely delivery of customer requirements while still pushing everyday to grow as an individual and as a team altogether.

## CONTACT ME AT

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## SKILLS SUMMARY

- Javascript, ES6, Typescript
- Angular 7, ReactJS (Basics)
- State Management - NgRx
- NodeJS
- MongoDB, Mongoose
- Unit Testing (Cypress - for angular, Jest - for NodeJS)
- Microservice Architecture
- MQTT, WebSocket
- Docker (Basics)
- Kubernetes (Application Development)
- Confluent Platform & Apache Kafka
- Version Control System - Git

## EDUCATION

 KIET Group of Institutions, Ghaziabad  
2015-2019  
B.Tech in Information Technology

 City Montessori School, Lucknow  
2015  
Intermediate

 City Montessori School, Lucknow  
2013  
High School

## AWARDS RECEIVED

-  On The Spot Award
-  Best Team Award
-  Client Mail Appreciations

## WORK EXPERIENCE

### Systems Enginner

Tata Consultancy Services | June 2019 - present

- Lead Developer for Offshore team of 4 members.
- Understanding client requirements and achieving timely deliverables.
- Mentored 3+ associates in the team.
- Code reviews and ensuring best possible standard practices within the team.

## PROJECTS

### Innovation Cloud

June 2019 - May 2020

A data brokering platform to connect the data/api providers with organizations, thus bridging the gap between data producers and consumers.

- Developed Application Management and API/Offering onboarding module end-to-end.
- Ensured standard coding practices.
- Developed user interface and apis.
- Tech stack - Angular, Mssql, NodeJs, Wso2.

### Control Tower

May 2020- Present

A digital twin platform connecting the real world fleet of vehicles( or other IoT devices ) with the digital world, thus helping in management and services of the vehicles.

- Worked on fleet specific and device specific dashboards to ensure a complete picture to the control tower admin. about the vehicles/vehicle.
- Setup a single node Kafka cluster on VM using Confluent Platform which was able to handle messages and their processing at a rate of 100+ messages/second from the vehicles and generate relevant notifications.
- Developed a customised MQTT broker along with authentication and authorization.
- Developed a reusable auth UI module that is used among multiple applications with a loading time of less than 4 seconds.
- Tech Stack - Angular , NodeJS , Apache Kafka, MQTT , Websockets, WebRTC

### IOTA Sensor Data Platform

Sept 2020- Present

A digital twin and extension of Control Tower supporting a large number of IoT devices and their management.

- Created reusable UI components that are used application wide by other developers in the team.
- Explored reactjs and redux
- Tech Stack - ReactJs, Redux, NodeJs, MQTT , Websockets (till now)