

# Harsh Tiwari

Frontend Engineer

7060334184 ◇ [harштиwari1395@gmail.com](mailto:harштиwari1395@gmail.com) ◇ [LinkedIn](#)

## EDUCATION

---

**Integrated MSc in Applied Mathematics**, IIT Roorkee

2014 — 2019

## EXPERIENCE

---

### Lead Frontend Developer

Dec '22 — Dec '23

3SCSolution

Bangalore, India

Led the development of a B2B SaaS application connecting the operations and logistics team to stakeholders from scratch using React, utilizing micro-frontend architecture to optimize development efficiency. The application provided interactive analytics features for clients to track supply-chain management in real time.

- Designed and implemented interactive charts and tables for the SaaS application dashboard, including a nodal graph tracker feature using Vis-network-graphs react library.
- Integrated Power BI dashboards to the application for access to an extended range of features, increasing post addition engagement by 40%.
- Collaborated with the backend development team to define API contracts based on varied business requirements obtained from product managers.
- Mentored junior developers through code reviews and resource sharing sessions, leading to increased output.

### MTS Frontend

Feb '22 — Aug '22

Drishti Tech

Bangalore, India

Developed and maintained web pages for a core B2B portal serving over 20 global automobile manufacturers, while working on internal usage product.

- Designed and implemented a video annotation system that reduced data annotation time by 90%, enabling image annotation directly on videos.
- Streamlined internal operations by creating an application with Retool for faster, minimalistic, fast-to-deploy interfaces for the order placement system. Being an auxillary product, it reduced development time by more than 50%.
- Collaboratively worked on core SaaS dashboard service on the basis of the requirements of the clients.

### SDE - Frontend

Jul '19 — Feb '22

Reliance Jio

Mumbai, India

Refactored the jio.com website to serve more than 100 million users across India, using best coding practices for scalable interfaces.

- Championed best coding practices for scalable interfaces.
- Developed the frontend for an ML-powered chatbot application.
- Created an interactive signal strength map using Leaflet maps.
- Built data visualization applications using React, Charts.js, and HighCharts.
- Implemented a camera monitoring tool with email and WhatsApp alerts.
- Led the development of a KPI monitoring system for the Jio network.
- Played a key role in product management decisions.
- Handled wireframing and user experience (UX) design alongside development.

## SKILLS

---

**Technical Skills** Python, JS, HTML, CSS, React, MS Excel, Jest, Next.js, React Native

**Management Skills** PRD, Data Analysis and Interpretation, Communication Skills, Team Alignment