

# Sandeep Kumar Mandal

## Associate Tech Lead (UI Engineer)

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India

## Skills

- Vue Js
- Quasar
- Javascript
- TypeScript
- Cypress
- Vitest
- Playwright
- React
- Storybook
- Nuxt Js
- Next Js
- HTML 5
- CSS 3
- Bootstrap
- Materialize
- Element Plus

## Language

- English
- Hindi
- Odia
- Bengali

## About Me

Frontend engineering leader with 10+ years of experience building scalable, high-performance web applications. Expert in the Vue.js ecosystem, TypeScript, and modern UI architecture.

Track record of improving Core Web Vitals, scaling global platforms supporting 150+ currencies, and building reusable UI systems. Strong focus on engineering excellence with ~90% automated test coverage using Cypress and Playwright.

## Experience

### Associate Tech Lead

Jul 2021 – Present

#### Aspire

- Lead development of scalable, high-performance frontend systems
- Mentor frontend engineers and define UI architecture and coding standards.
- Built scalable systems supporting 150+ global currencies
- Implemented ~90% automated test coverage using Cypress & Playwright.
- Improved Core Web Vitals and frontend performance metrics across applications.
- Partnered with product, design, and backend teams to deliver end-to-end features.

### Senior Software Engineer

May 2020 – Jun 2021

#### Gameskraft

- Managed frontend systems handling 100k+ requests per minute.
- Led frontend architecture for RummyCulture & RummyTime platforms.
- Revamped RummyCulture website, improving Web Vitals 30 → 90+.
- Developed RummyTime platform independently, achieving 95+ Web Vitals score.

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## Education

Bachelor of Technology in IT  
**National Institute of Science  
and Technology (NIST)**

2011 - 2015 Berhampur, Odisha

Intermediate (C.H.S.E)  
**KIIT Science College**

2009 - 2011 Bhubaneshwar, Odisha

Class X (C.B.S.E)  
**DAV Public School**

2009 Noamundi, Jharkhand

- Developed internal dashboards including:
  - Game History Dashboard
  - Champions Leaderboard

### UI Engineer

Apr 2019 - May 2020

#### Videoken

- Setup the entire frontend Architecture from scratch.
- Work closely with designers and product managers to create the products and interactions that achieve the vision.
- Develop and maintain code quality standards and best practices.
- Enforce standards through regular code reviews.
- Developed webapps from scratch:
  - Videolake
  - Enterprise Search
  - Revamp of Dashboard (<https://dashboard.videoken.com/>)
  - Re-developed the public facing website.

### Senior UI Developer

Nov 2017 - Apr 2019

#### Rupeek

- Built reusable frontend systems powering multiple internal platforms.
- Revamped rupeek.com and developed engineering.rupeek.com in one day.
- Developed the following dashboards
  - Rupeek Campaigner
  - Rupeek IMS (Inventory Management)
  - Rupeek Audits
  - Rupeek Insights (Analytics UI)
  - Rupeek Payments

### Web Developer

May 2016 - Nov 2017

#### SPOT Asap Technologies Pvt. Ltd

- Create Web application front end as per the PSD
- Follow best practices and standards for accessibility and cross-browser compatibility.

### UI Developer

Aug 2015 - May 2016

#### E-Market Web Technologies Pvt Ltd

- Create Web application front end as per the PSD
- Follow best practices and standards for accessibility and cross-browser compatibility.
- Responsive UI Development