

# Kartik Sharma

Mobile: 9736992519

Email: [KS.JC1995@GMAIL.COM](mailto:KS.JC1995@GMAIL.COM)

Website:- <https://ksjc1995.github.io/>

## Skills

Data Structures | JavaScript | WebSocket | Vue | Nuxt | Formkit | primevue | Tailwind | React | Redux | Node | GraphQL | NextJs(SSG) | Styled Components | HTML5 | CSS3 | Git | Ant design

## Experience

DEC 2022 - PRESENT

### Harmoney, Mumbai - Engineering Manager (Frontend)

Leading the frontend development of the Fixed Income Trading Software for Banks, Mutual Funds, Broker-Dealers & Wealth Managers. ([harmoney.in](https://harmoney.in))

- Managing a team of 3 frontend engineers.
- Product discussions, architectural decisions, code reviews, hiring, deployment & maintenance.
- Built frontend for **Dealer Inventory**, **NSE & BSE RFQ** integration, **Live market**, Market depth, **Chat Negotiations**, Feature gating, **Pricing and Cash Flow calculator**, Saved filters, Market depth, Kyc, **Ticketing**, **Chat**, **Blotter**, **Find(Securities)**, partner dashboard, etc.
- Migrated the whole application from nuxt-2 to nuxt-3, ensuring full typescript support
- Designed and developed an **Ai powered advanced chat application** using sendbird, **automating quotes and trade ticket generation**.
- Improved application load times **by reducing bundle size by ~24%** & manually chunking modules to keep **chunk size less than 500kb**.
- Ensured security compliance for institutions by migrating from **Auth bearer authentication to http only cookie based auth**, adding appropriate security headers, proxying requests, password encryptions, etc.
- Built the "Smooth Operator" (SOP) app for managing bond pricing, price verification, cash flows, and issuer details.

**Tech stack** - vue.js, nuxt.js, typescript, prime-vue, tailwind, python, django, git, postgres, web sockets, aws

JUL 2021 - NOV 2022

### Publicis Sapient, Gurgaon - Associate Technology L2

- Developed user facing & admin application of label subscription based announcements platform for internal teams in react from scratch.
- Worked on backend, implemented drafts API for announcements,
- Wrote unit test cases, did code reviews, improved performance of frontend application by caching API calls, reducing unnecessary renders & lazy loading. Built a CLI to generate templates for components, containers, tests & API files.
- Worked on developing backstage plugins for automating manual tasks.

**Tech stack** - react.js, nodejs, typescript, chakra-ui, react-testing-lib, jest, python, flask, git, docker, kubernetes, backstage

FEB 2020 - JUN 2021

### **Wednesday Solutions, Pune - Software Engineer**

- Worked on backend & frontend of amex co-branded rewards program platform. Built frontend of offers marketplace & merchant onboarding portal with IE-9 support from scratch using next.js ssg. Built v2 of analytics dashboard of the rewards platform.
- Worked on gourmet Food ordering and delivery platforms. Worked on multistep client facing subscription form, landing page, user portal, admin portal with analytics, built whole frontend of kitchen portal. Helped in migration of backend from amplify to serverless. GraphQL API integration.
- Worked on converting designs to reusable react code, API integration, writing unit test cases, deployment, writing CI/CD workflows using github actions, performance improvements, fixing bugs in backend & code reviews.
- Mentored new hires, Involved in the hiring process.

**Tech stack** - Reactjs, nextjs, nodejs, hapi, redux, saga, styled-components, AWS, git, graphql, serverless, ant-design

FEB 2019 - MAY 2019

### **Infosys, Mysore - Systems Engineer Intern**

- Pursued hand-on training in python, object oriented programming, DBMS, C#, Asp.net core and SQL server. Worked in an agile team of 7 to build a word puzzle game.

MAY 2018 - JULY 2018

### **Learnest, Bangalore - Full Stack Developer Intern**

- Worked on both frontend and backend of k-12 ed-tech application. Built responsive landing page in react. Implemented various user flows. Built modal management using react portals.
- Migrated html designs to reusable react components. Integrated mongodb in backend. Built lessons API, quiz API. Devised a strategy to store complex formulas in the database using markdown-katex. Built a GUI tool in react to create & store theory in database.

## **Education**

**B.Tech. - Jaypee University of Information Technology, Solan, Himachal Pradesh**

CGPA - 7.4 until 8th semester

**AISSCE - S J Public School, Jaipur**

Percentage - 85.2%

**AISSE - S J Public School, Jaipur**

CGPA - 9.0