

# RATNESH KUMAR SINGH

Senior Frontend Engineer | Angular + React | 7+ YOY | Last Package **30LPA**

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(Immediate Joiner)

## PROFESSIONAL SUMMARY

Senior Frontend Engineer with over 7 years of experience in architecting and building scalable, performant web applications using **Angular, React** and **NextJS**. Specialized in state management (NgRx, Redux Toolkit), modern frontend architectures (Component Store, Signals, Standalone Components), and UI libraries (Angular Material, Tailwind). Proven leadership in mentoring, code reviews, and delivering high-quality software in Agile teams. Looking for senior roles in product-based companies (remote/hybrid) aligned with modern JS stacks.

## WORK EXPERIENCE

- **Staff Engineer | Nagarro | 2024 – present**
  1. Led frontend architecture for a social network for doctors (medgami.com) using Angular 18, signals, component store etc.
  2. Improved bundle size and reusability with standalone components and modular state (NgRx).
  3. Mentored 6+ developers, conducted PR reviews, and enforced clean code practices.
  4. Collaborated with stakeholders to refine UX and translate business needs into frontend solutions.
- **Senior Software Engineer | Metadesign Solutions | 2019 – 2024**
  1. Architected and delivered React apps for InsurePro, ProofUp and Getdone with Redux, Lazy loading and performance optimization.
  2. Built dynamic forms, offline support, notifications, caching using advanced react practices
  3. Integrated web camera API's, Stripe, ChartJS, GRPC APIs for real time data visualization.
  4. Used Angular 11-15 for projects like Harappa Education and GetDone; Implemented OnPush strategy, AgGrid, reactive forms etc.
- **Associate Software Engineer | Neurosensum | 2018 – 2019**
  1. Developed dynamic survey creation and visual analytics platform (surveysensum.com) using Angular 7 and ChartJS etc.
  2. Contributed to full stack features including, Android, .NET API.

## EDUCATION

**Bachelor Of Technology | Computer Science and Engineering | 2013 –2017**

Raj Kumar Goel Institute of Technology, Ghaziabad, India – APJAKTU

## TECHNICAL SKILLS

### ANGULAR

<b>Core</b>	Routing, Route Guards, Lazy loading, Dependency Injection, Services, Interceptors, Directives, Custom Directives, Pipes (pure, impure), Change Detection and Zone.JS, Signals, Standalone Components, Reactive and Template driven forms and validations.
<b>Libraries</b>	Rxjs (Switch Map, Debounce, MergeMap etc.), lodash, ChartJS, Echarts, Google Maps, Jwplayer, JWT, OAuth, Firebase, Webhooks, Web sockets
<b>State Management</b>	Ngrx, Observables, Subject, BehaviourSubject, Component Store, Redux
<b>Design</b>	Angular Material, Ant design, NgBootstrap, PrimeNg, Tailwind
<b>Features Implemented</b>	Authentication, Role based access control, Polling, Caching, Quiz Builder and Quiz Runner, Data Visualization through charts, Cohort management, Course versioning, Notification System, Application Walkthrough, Blog Section, user feedback module, Video Player, Series Episode, and many more...

### REACT

<b>Core</b>	Virtual DOM and React, Diffing algorithm, Hooks (useEffect, useReducer, useRef, useCallback, useMemo etc), High Order Components, Context API, react-router-dom, Forms and Validations, Protecting Routes.
<b>Libraries</b>	ChartJS, OAuth, Firebase, Remix, Axios, Fetch, React Query for (http request, caching etc ) Formik and Zod, Web Sockets
<b>State Management</b>	Redux, MobX, Zustand, Redux Toolkit, React Query, Recoil
<b>Design</b>	MUI, Ant design, Theming, Tailwind
<b>Features Implemented</b>	Authentication, Dashboard, Route Protection, Image Capture using Camera API, Forms, Pagination, Filtering, Infinite loading, Polling, Video Player and many more...

## NEXTJS

<b>Core</b>	App Router, Server & Client Components, React Server Actions, Streaming with Suspense, Layouts, Nested and Parallel Routing, Loading and Error UI, Caching
<b>Integration and Tooling</b>	Redux Toolkit and Zustand integration, Form Handling using React Hook Form, Firebase. Deploying to Vercel
<b>Design</b>	Global Styles, CSS Modules, Tailwind CSS, Radix UI
<b>Features Implemented</b>	NavBar, Caching, Dashboard, Loading skeletons, Tables, Pagination Filtering, Sorting, Forms, Charts, Authentication,

## OTHERS

<b>DevOps Tools</b>	Docker, Docker Compose (Containerization), Git, AWS CodeCommit, AWS EC2, GitHub, Github Actions (CI/CD)
<b>Build Tools</b>	Vite, Webpack, EsBuild
<b>Project Tools</b>	ESLint, Prettier, Husky & List-Staged
<b>Plugins</b>	Json Web Token, OAuth, Firebase, GRPC, Google Maps, Polling
<b>Testing</b>	Unit Testing (Jest + React Testing Library), E2E Testing (Cypress)
<b>Design Patterns</b>	Backend for Frontend (BFF), Microfrontends, Server Side Rendering (SSR)
<b>HTML/CSS and Preprocessors</b>	Accessibility (ARIA roles, tags etc), SEO Best Practices (title, meta, etc), Flex box, Grid, Responsive design, Media queries, Sass / Scss
<b>JavaScript</b>	Scopes, Hoisting, Closures, this Binding, Event Bubbling, Promises, Event loop, Task Queue, DOM, Debounce, Throttle, ES6+ (Class, Spread, Rest, Optional Chaining, Nullish Coalescing), Fetch API, WEB APIs – Geolocation, Web Workers, Drag & Drop API, Service Worker

## PROJECT HIGHLIGHTS

### Medgami (Nagarro)

Social networking for verified doctors with posts, journals, and educational videos. Tech: Angular 18, Signals, Standalone Components, NgRx, SCSS, Tailwind, Angular Material.

### ProofUp (Metadesign)

Tenant screening SaaS app with offline support, dynamic forms, and clean dashboards. Tech: React 17, Redux Toolkit, Web API Camera, SCSS.

### InsurePro (Metadesign)

Insurance quote and policy platform with multi-provider comparison. Tech: React 17, React Hook Form, Redux, Lazy Loading, SCSS

### SmartProp (Metadesign)

App to capture images and submit report of the condition of the property so that maintenance work can be started before new tenant arrives. Tech: NextJS 13, React Hook Form, Redux, Lazy Loading, SCSS.

### GetDone (Metadesign)

Maintenance work order system with admin dashboard, worker app, and live sync. Tech: Angular 15, NgRx, RxJS, GRPC, Stripe

### Harappa Education (Metadesign)

Digital learning platform with video-based courses, assessments, and leaderboards. Tech: Angular 11, RxJS, ChartJS, SCSS

### SurveySensum (Neurosensum)

Survey builder with analytics dashboards and conditional logic engine. Tech: Angular 7, ChartJS, NgRx, SCSS

## PORTFOLIO LINKS

Medgami: <https://medgami.com>

ProofUp: <https://proofup.com>

InsurePro: <https://insurepro.com>

GetDone: <https://getdone.com>

SurveySensum: <https://surveysensum.com>