

# Manish Kumar Verma

Senior Software Engineer

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## Experience

### Operative Media

#### SENIOR SOFTWARE ENGINEER

May 2022 - present

- Built and optimized large-scale applications like Adeline AI and analytics tools using Angular 17+, React 18, Redux Toolkit, PrimeNG, NgRx, AG-Grid, and RxJS.
- Implemented Jenkins CI/CD pipelines for automated build, test, and deployments to AWS S3/EC2, improving release efficiency and reducing manual errors by 80%.
- Led sprint planning and mentored 4+ junior developers, achieving 90%+ code coverage with Jest and reducing bundle size by 40% through code-splitting and performance tuning.

### Cropin Technology

#### SOFTWARE ENGINEER

Jul 2019 - May 2022

- Developed an AgriTech project displaying farmer data, land details, crop quality, and recommendations for optimal crop growth based on location
- Improved performance and reduced load time by 50% using tools like Chrome DevTools and Lighthouse, enhancing core web vitals and user experience.
- Collaborated with a cross-functional team of 6+ to deliver AgriTech insights at scale.
- Built responsive, feature-rich UIs using React, JavaScript, Redux, HTML5, Jest, SCSS, and Chart.js with code-splitting and lazy loading.

### Carelon Global Solutions (Legato health care)

#### SOFTWARE ENGINEER

Apr 2018 - Jun 2019

- Developed a config-driven Insurance Application from scratch, enabling dynamic client-specific user interfaces by leveraging JSON-driven configurations and reusable components
- Enhanced UX with accessible design patterns (**WCAG 2.1**), leading to a 20% increase in user engagement, while collaborating with clients and designers using Angular 6+, NgRx, RxJS, Material UI, and Jasmine.

### ITC Infotech (Mobinius Tech)

#### SOFTWARE ENGINEER

Nov 2017 - Apr 2018

- Migrated a German Banking app from Angular 1 to 4, improving scalability and UI using SCSS, Bootstrap 3, and RxJS; boosted code coverage from 40% to 70% with Protractor.

### eRx Solutions

#### SOFTWARE ENGINEER

Aug 2015 - Nov 2017

- Built responsive UI for Google Pricing Management using Angular, Bootstrap, and Angular Material by converting mockups into functional components.

## Awards

OPSPOT Award - Operative Media

Nov 2023

Best Team - Performance - Carelon Global Solutions

Mar 2019

Spot Award - Carelon Global Solutions

Oct 2017

## Objective

**Frontend Lead Developer with 10 years of experience** building scalable, high-performance applications using React, Angular, and micro-frontend architecture. Proven expertise in optimizing performance, accessibility (WCAG 2.1), CI/CD automation with Jenkins, and mentoring teams to improve velocity and delivery quality.

## Languages

Javascript (ES6+)

Typescript

HTML5

CSS3 / SCSS

## Technologies

Jest

Jasmine

Karma

## Frameworks & Libraries

React

Angular

Tailwind

RxJS

NgRx

Context API

Prime Ng

## Tools

Git

Bitbucket

Jira

Webpack

Parcel

Github Copilot

Responsive UI

PWA

Service Workers

Firebase

AWS S3

Design Pattern

Web Accessibility (ARIA)

Micro-frontend Architecture (Nx)

AWS S3 / EC2

Jenkins CI/CD pipelines

## Education

B.Tech - Computer Science

Haldia Institute of Technology

Jul 2011 - Jul 2015