

# Manjunath N K

<https://manjunath-n-k-portfolio.netlify.app/>

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## EDUCATION

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- **Dr.Ambedkar Institute of Technology** Bangalore, India  
*Bachelor of Engineering in Computer science and engineering; CGPA: (9.06/10.0)* *Aug 2017 – Sep 2021*
- **Christ Junior PU College** Bangalore, India  
*Pre-University Degree;Percent:(95/100)* *Jun 2015 – May 2017*

## EXPERIENCE

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- **NTT Data Services** Bangalore, India  
*Software Engineer - Full stack Developer* *Dec 2021 - Present*
  - **Insurance website for Agents:** Developed an insurance website for agents using Angular for the front-end, Spring Boot for the backend, and MySQL for database management. Implemented a modular architecture to streamline feature updates and improve scalability, ensuring seamless data integration across the application.
  - **Project upgrade:** Successfully upgraded an Angular project from Version 7 to Version 13 and Bootstrap from Version 3 to Version 5, aligning all services and UI components with the latest standards. These upgrades resulted in a 30% improvement in web page performance and a 25% reduction in memory consumption.
  - **GTM to GA4 migration:** With over 19,000 daily agent users on the application, tracking the most frequently used features is critical. Led the migration from Google Tag Manager (GTM) to Google Analytics 4 (GA4), ensuring a seamless transition and compatibility with the updated tracking mechanisms.
  - **Backend - Spring boot:** Created robust, scalable web applications using Spring Boot, leveraging core Spring concepts like Spring Security, Spring Data JPA, Spring MVC, and AOP (Aspect-Oriented Programming), leading to a 40% reduction in response time and enhanced user experience.
  - **Project Enhancements:** Collaborated cross-functionally to build RESTful APIs, integrated SQL databases via Spring Data JPA, and ensured security using Spring Security, resulting in a 25% increase in customer satisfaction. Achieved significant code optimization by reducing complex code from 30 lines to 2 lines using Spring Boot's streamlined features, while also addressing and resolving security vulnerabilities identified by Checkmarx scans.
- **NTT Data Services** Bangalore, India  
*Software Engineer - Front end Developer* *Sep 2021 - Mar 2022*
  - **React Native:** Cross-platform mobile applications for Android and iOS using React Native, integrating Node.js for backend services, and implemented features such as push notifications. Delivered the Meals app with a functional, optimized UI for native performance, leading to widespread internal adoption and improved user experience.
- **Dr.Ambedkar Institute of Technology** Bangalore, India  
*Graduate* *Aug 2017 - Sep 2021*
  - **Maxify - Robust Car Booking Platforms:** Engineered a car booking platform using the MERN stack, achieving a 40% reduction in booking time and a 25% increase in user satisfaction with real-time tracking and streamlined processes.

## PROJECTS

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- **Insurance Toolkit:** An Insurance Toolkit, a website tailored for more than 20,000 insurance agents' use within the company's network, resulting in a 20% increase in agent productivity and a 15% decrease in processing time for insurance policies.

## PROGRAMMING SKILLS

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- **Languages:** TypeScript, JavaScript, Java 8, SQL, MySQL, HTML5, CSS3, JSON
- **Frameworks and Libraries:** Angular, Spring Boot, Spring MVC, Spring Security, React, React Native
- **Technologies and Tools:** Microservices, Docker, Jenkins, Bitbucket, CI/CD, JPA/Hibernate, Maven, JWT
- **Other skills:** MERN, MEAN, Agile/Scrum, Unit Testing (JUnit, Jasmine), Code Reviews