

Adarsh Rao

Senior Software Engineer

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Summary

- Experienced Angular Full Stack Developer proficient in **Angular TypeScript, JavaScript, Rxjs, NgRx, Jasmine/Karma**, and **Bootstrap**, with **Restful APIs** developed application with 20% better **performance improvement** and 10% reduction in **load time**.
- Skilled in **Backend development** using **Java Spring Boot, CRUD, Restful Web Services**.
- Dedicated to **Agile methodologies** and **TDD**, advocating for **Agile practices** that boost team productivity by 40%, and implementing **TDD** to reduce bugs by 50% and promote **continuous improvement**.

Skills

Frontend - Angular, JavaScript, HTML, CSS, SCSS, Bootstrap, TypeScript, Responsive Design, Component-based Architecture, Lazy Loading, Change Detection, Git Flow, Form Validation, Performance Optimization Jasmine/Karma, Angular Material, Angular CLI, RXJS, NGRX, RESTful API, OOPs, Object-Oriented Design.

Backend - Java, Spring Boot.

Courseworks - Object Oriented Programming, DBMS, Web Development, Data Structures and Algorithms

Devops & Other Tools - Azure, CI/CD, GitHub, Figma, Postman, VS code, Sublime, Jenkins.

Soft Skills- Communication, Problem Solving, Critical Thinking, Time Management, Teamwork.

Professional Experience

Nihilent Limited – Pune, India

May 2022 - Present

Senior Software Engineer

- Spearheaded** the development of real-time data applications for a leading banking institution (Nedbank), ensuring **seamless integration** of live data into the front-end utilizing **NGRX** and **real-time APIs**.
- Successfully migrated** legacy systems from Angular 12 to Angular 17, resulting in a **20% performance enhancement** and a **10% reduction in load times**.
- Designed and implemented** a reusable component **library**, **streamlining development processes** and guaranteeing consistent UI standards across the application and Reduced user-reported errors by 25% by implementing robust error handling and state management.
- Conducted thorough **code reviews** to ensure adherence to **coding standards**, best practices, and maintainability by checking for consistent use of **naming conventions**, **modularization**, **code readability**, and proper **error handling** before approving pull requests.
- Leveraged **Azure DevOps** for **continuous integration** and **deployment**, ensuring efficient release management and **seamless production operations**.

Projects

Quick Cart (Ecommerce Application)

- Developed a full-stack eCommerce platform using **Angular** and **Spring Boot**, **integrating RESTful APIs** for product management, shopping carts and orders,
- Implemented **role-based access control**, **ensuring data security** and **managing user roles** effectively.
- Utilized **RXJS** and created a **responsive Angular frontend** with custom UI components for seamless user experience across devices.
- Integrated **Angular Material** components for enhanced **UI/UX**, ensuring consistent design and better user interaction across the platform.

BankPro (Banking Application)

- Developed a full-stack banking application utilizing **Angular**, **Spring Boot**, and **MySQL**, **delivering secure, scalable**, and user-friendly banking solutions.
- Implemented key features including user **authentication**, **account management**, **transaction tracking**, to enhance user experience and **operational efficiency**.
- Architected scalable and **modular backend services** with **Spring Boot**, **optimizing performance** and ensuring smooth handling of complex banking operations.
- Engineered a **relational database schema in MySQL** to efficiently manage customer data, account details, and transaction history, **optimizing query performance** and **data integrity**.

Education

Chandigarh University

June 2018 - July 2022

Bachelor of Engineering (Computer Science and Engineering)