

# Rishita Gadde

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## Senior Frontend Software Engineer | 7+ YOE

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Hi! My name is Rishita. I am a Senior Software Frontend Engineer with a strong focus on front-end development, who loves building easy-to-use and accessible web/mobile apps. I have strong skills in Angular, React, Vue.js, and Next.js. I care a lot about making sure my work meets ADA and WCAG standards. I also like taking on new challenges and working with cloud technology. Let's build something great together!

## Experience

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**Senior Frontend Engineer**, Vanguard – Pennsylvania, USA Jan 2025 – Present

- Led a modular Angular app from scratch to manage index profiles, creating shared Carbon components from Figma designs with Tailwind to ensure reusability across teams.
- Integrated Flask APIs to fetch provider data from DynamoDB and displayed it using AG Grid for fast, filterable tables within dynamic UI workflows.
- Used NgRx and RxJS for state management, with Angular Signals for reactive updates in isolated components.
- Contributed to a micro-frontend architecture using Webpack Module Federation to enable team-level development.
- Configured frontend routing and deployed to AWS (ALB, Route 53, ACM), implementing Cypress and Jest tests that reduced production bugs by 40%.

**Senior Software Engineer**, TD Securities – New York, USA Jul 2023 – Dec 2024

- Developed a React + TypeScript wire transfer portal using Material UI for accessible, consistent design, supporting role-based access for wealth and initiator users.
- Handled state management with Redux Toolkit and connected to secured Spring Boot microservices using Axios and JSON Web Tokens for authenticated API calls.
- Achieved WCAG 2.1 AA compliance using ARIA, semantic HTML, and JAWS-tested user flows.
- Worked with the product owner and business analysts to finalize UI behavior, shared frontend guidance during planning, and supported delivery with end-to-end test coverage, reducing last-minute QA issues by 30%.
- Documented shared components in Storybook, improved Vite build performance, and supported CI/CD with Docker, Jenkins, and Kubernetes.

**Senior Software Engineer**, Amara Labs – Hyderabad, IND May 2019 – Aug 2021

- Built responsive Angular web and React Native iOS app for lab operations, optimizing performance for offline and low-bandwidth scenarios.
- Integrated .NET Core APIs and added caching to speed up lab inventory lookups and reduce redundant calls.
- Collaborated with cross-functional teams to deliver features 30% faster by standardizing shared UI components and onboarding new developers with internal documentation.

**Software Engineer II**, JIVA Infotech Inc – Hyderabad, IND May 2018 – Apr 2019

- Built reusable UI components across ERP features, reducing duplicate code and helping teams move 25% faster.
- Developed a custom CMS using ASP.NET MVC and C#, with a lightweight Vanilla JS front end for content editors and admins.
- Optimized SQL queries and stored procedures to support dynamic HR dashboards, reducing backend load time by 35%.

**Web Developer**, Smartron India – Hyderabad, IND

Jul 2016 – May 2018

- Built lightweight React interfaces and WordPress pages that helped promote IoT products more effectively.
- Developed REST APIs using Node.js and MongoDB to collect, store, and visualize device telemetry data.
- Assisted in early data analytics features by building custom charts and export tools, helping product teams understand usage trends.

## Skills

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**Languages:** JavaScript (ES6+, VanillaJS), TypeScript, Python, Node.js, HTML5, CSS, Bash

**Frameworks:** Angular (2–19), React, React Native, Vue.js, Redux, NgRx, RxJS, Material UI, Tailwind CSS, SASS/SCSS, Ionic, Bootstrap, jQuery

**Databases:** MySQL, NoSQL, MongoDB, Vector Databases

**Build Tools & Bundlers:** Vite, Webpack, Gulp

**DevOps & Deployment:** Git, Docker, Kubernetes, AWS (S3, ECS, Lambda, App Runner, Glue, SageMaker, IAM, API Gateway), GCP

**Testing & CI/CD:** Jest, Cypress, Pytest, Playwright, Lighthouse, Axe, Azure DevOps, Jenkins, GitLab

**Accessibility & Compliance:** WCAG 2.1, ARIA, Keyboard Navigation, Screen-Reader Support, ADA Testing

## Education

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**West Chester University of Pennsylvania** – Master of Science in Computer Science

May 2023

**Jawaharlal Nehru Technological University** – BSc in Computer Science Engineering

May 2016

Publications - Click on the title to access paper

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[Estimate House Pricing using Machine Learning](#)

[Rishita Gadde, Md Amiruzzaman, Richard Burns, Md. Rajibul Islam and Rizal Mohd Nor 2023. Research Briefs on Information and Communication Technology Evolution. 9, \(May 2023\), 41-58.](#)