

Rahul Narayanasamy

SOFTWARE ENGINEER

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Professional Summary

Software Engineer with 8+ years of experience building responsive, maintainable single-page applications with React, Next.js, and TypeScript. Skilled in reusable component design, unit testing with Jest and React Testing Library, and Agile delivery. Experienced in production support, code reviews, and mentoring engineers, working closely with product, UX, and backend teams.

Experience

EPAM Systems

May 2022 – Present

Software Engineer (A2)

Insurance Technology Platform Software Developer • Feb 2025 – Aug 2026

- Built a real-time web application for transaction processing, live event tracking, and case management.
- Developed dynamic, schema-based workflows with configurable transaction screens and business-rule validations using RJSF.
- Managed onboarding of new business processes and transaction flows, from requirement analysis through production rollout.
- Led production support, including incident resolution, UAT validation, and client-specific ticket handling.
- Mentored new team members on development workflows and coding standards; conducted frontend code reviews focused on performance, security, and maintainability.

Stack: Next.js, TypeScript, Tailwind CSS, CSS Modules, Redux, Context API, TanStack Query, Vercel

Content Platform Migration Software Developer • Jun 2024 – Jan 2025

- Designed and built reusable React components integrated with Adobe Experience Manager (AEM) during a two-platform CMS migration.
- Ensured components were responsive and compatible across devices and browsers; resolved integration issues in collaboration with AEM developers.

Stack: React, TypeScript, Handlebars.js, Tailwind CSS, HTML, CSS

Global Trade Compliance Portal Software Developer • Aug 2022 – Apr 2024

- Built reusable UI components and features for tariff code search, trade lane comparison, and product catalog, including real-time validations.
- Worked with business analysts, UX, BFF, and backend teams to define feature behaviour, resolve edge cases, and agree on API contracts.
- Wrote unit tests achieving 85%+ code coverage; maintained code quality against Sonar and Sigrid standards.

Stack: TypeScript, React, Redux Toolkit, Material UI, React Testing Library, REST APIs, Axios, Jenkins

DataGrid Component Team of 30 (15 developers)

- Developed and maintained a feature-rich data-table component with data binding, editing, Excel-style filtering, custom sorting, row aggregation, selection, and Excel/CSV/PDF export.
- Built client-requested features and fixed client-reported and internal bugs to keep releases stable.
- Documented Grid features and guided junior engineers on using them to complete their work on time.

DataManager Library Team of 30 (15 developers)

- Developed and maintained the data-management package that binds data to components such as Grid, TreeGrid, and Dropdown List and performs data operations in client applications.
- Fixed client-reported and internal bugs and documented the library's features.

Pager Component Team of 10 (5 developers)

- Maintained the stability of the paging component used alongside Grid and TreeGrid by fixing client-reported and internal issues.

Stack: React, JavaScript, TypeScript, Node.js, Git, GitLab, Jira

Core Competencies

Single-Page Application Development	Reusable Component Architecture	Schema-Driven Workflows
Unit Testing & Code Coverage	Code Reviews & Code Quality	Production Support & Incident Resolution

Skills

Frontend	React, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Redux / Redux Toolkit, Context API, TanStack Query, Tailwind CSS, Material UI, Single-Page Applications
Testing	Jest, React Testing Library, unit testing and code-coverage targets
Tools	Git, GitHub, GitLab, Jira, Confluence, Postman, Vercel, Sonar, Cursor, Claude
Practices	Agile / Scrum, code reviews, sprint planning, production support
Languages	English, Tamil

Education

Bachelor of Engineering	Aug 2013 – Apr 2017
TKS College of Technology, Theni • CGPA: 7.45	