

RUPAM DATTA

Staff Software Engineer – Frontend

Bengaluru, India

PROFESSIONAL SUMMARY

Staff Software Engineer with 18+ years of experience building large-scale frontend systems for enterprise products across on-prem, hybrid, and cloud environments. Specialized in frontend architecture, design systems, and data-intensive UIs, with strong focus on correctness, scalability, and long-term maintainability. Proven senior IC trusted with platform-critical and high-risk initiatives.

EXPERIENCE

Acceldata — Staff Software Engineer

Feb 2022 – Present | Bengaluru

- Own frontend correctness and safety for platform-critical initiatives in a fast-evolving data reliability product.
- Led frontend for Resource-Based Access Management (RBAM), a high-risk authorization rollout applied directly to existing customers without feature flags.
- Designed and implemented a next-generation navigation system spanning Angular and React applications via a configuration-driven TypeScript service.
- Drove UI evolution for data onboarding workflows, reducing customer friction as platform architecture evolved.
- Reduced long-term risk by refactoring large legacy utilities (3k+ LOC) into modular, backward-compatible structures.

Cloudera (Hortonworks → Cloudera) — Software Engineer → Senior Software Engineer

Apr 2017 – Feb 2022 | Bengaluru

- Built foundational UI platforms for large-scale data products across on-prem, hybrid, and cloud deployments.
- Contributed to design systems and reusable component libraries in close collaboration with UX teams.
- Designed persona-based UIs for Data Catalog experiences (data stewards, analysts, administrators).
- Implemented data-intensive visualizations for lineage and asset relationship use cases.
- Ensured backward compatibility while evolving UI architecture for enterprise customers.

CONTACT

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CORE SKILLS

- Frontend Architecture
- Design Systems
- Data Visualization
- UI Platform Engineering
- Enterprise UI Correctness

TECHNOLOGIES

- React, Angular
- TypeScript, JavaScript
- HTML5, CSS3
- D3.js, ReactFlow
- Git, GitHub

EXPERIENCE HIGHLIGHTS

- Permission-driven UI systems
- Data lineage & relationship modeling
- UI platform & navigation foundations
- Angular + React coexistence
- Enterprise-scale refactoring

EDUCATION

MCA – Computer Applications
Sampoorna Academy
(2010–2012)

BSc IT
RK Degree College (2004–2007)

CERTIFICATION

- Mastering Data Visualization in D3.js

Citrix R&D — Prototyper

Apr 2012 – Apr 2017 | Bengaluru

- Built high-fidelity, production-like UI prototypes for complex enterprise products including NetScaler and Citrix Director.
- Modeled end-to-end configuration workflows using HTML, CSS, JavaScript, and JSON-based mock services.
- Bridged UX and engineering by validating feasibility, interactions, and workflows early in product cycles.

Earlier Experience

- **TLI Software** — UI development for websites and web applications
- **ConnectFilms Media** — CSS-only theming under strict layout constraints
- **Four Interactive (AskLaila)** — Listing & detail page UIs, SEO-compliant markup
- **Quaarc Solutions** — Intern → Engineer; end-to-end websites, hosting, domains

(Details available on request)