

# Arvind Rathee

Frontend Developer II · Gurugram, India

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## SUMMARY

Frontend Developer II with **4.5+ years** of experience building and scaling high-impact **React and TypeScript applications in healthcare and fintech**. Led end-to-end development of production systems used in **real-world, low-bandwidth environments, improving performance, reliability, and delivery speed**. Experienced in **frontend architecture, performance optimization, and building reusable systems**, including component libraries and shared infrastructure. Known for taking ownership of complex problems and delivering practical, scalable solutions.

## EXPERIENCE

**Daffodil Software – Associate Software Engineer (Frontend Developer II)** **Nov 2021 – Present**

**Child Care Exchange — Vimo (Childcare SaaS Platform)** *Feb 2024 – Present*

- Legacy JSP modules were blocking feature velocity across the platform. Designed an **LLM-assisted migration pipeline using Claude Code** to systematically convert JSP into React components — **cut manual migration effort in half** and unblocked the team from shipping new features on the modern stack.
- Developed a **shared React component library** within an NX monorepo, standardising UI across multiple applications and reducing duplicated development effort.
- Consolidated authentication into a centralised **Keycloak-based RBAC system**, improving reliability and enabling consistent **multi-role, multi-tenant access control**.

**Recon Dashboard & Operator App — Chalo (Fintech / Transport)** *Feb 2023 – Jan 2024*

- Sole frontend engineer for a greenfield financial operations platform; **owned architecture, development, deployment, and production support**.
- Restructured the entire bundle — **code splitting, tree shaking, dependency pruning** — **reduced payload by 28%** and directly unblocked deployments to low-connectivity regions for Field operators.
- Built a cross-platform application (web, Android, iOS) using React and Capacitor, enabling a single codebase for all platforms.
- Integrated **WebRTC multi-camera live streaming** into the operator dashboard so operations teams could monitor field activity in real time without switching between tools.
- Collaborated with backend and design teams on API contracts and UX improvements; onboarded and mentored new team members.

**Healthcare Platforms — HIMS Agroha & MayaMD** *Nov 2021 – Feb 2023*

- Built **hospital management system** (OPD, IPD, Billing, Inventory, Pharmacy) handling the full patient journey — **used daily by medical staff across a 500-bed hospital**.
- Designed an **automated payroll system for 300+ hospital staff**, incorporating Haryana government pay matrix rules for grade pay, allowances, and deductions. **Replaced a manual Excel-based process** that consumed **40+ hours of admin time each month**.
- Identified slow diagnostic workflows as a bottleneck for medical staff. Redesigned **Node.js aggregation queries**, added compound indexes, and introduced query caching — **reduced average API response time by 20%**.
- Mentored 2 junior developers** — assigned tasks, reviewed their code, and guided their technical growth. Both were moved to independent projects within months based on their progress.
- Documented end-to-end platform flows** and onboarding guides, reducing ramp-up time for new team members.

## SKILLS

**Frontend:** React, TypeScript, Redux Toolkit, Component Architecture, Design Systems, Progressive Web Apps, Monorepos (Nx)

**Testing & Tooling:** Playwright, Vitest, Webpack, Vite, CI/CD, Docker

**Backend (working proficiency):** Node.js, Express, MongoDB

## EDUCATION

**M.Tech, Computer Science & Engineering** – UIET, M.D. University, Rohtak 2021

**B.Tech, Computer Science & Engineering** – UIET, M.D. University, Rohtak 2019