

Shashank Krishna Prabhu

Frontend Engineer · Angular · React · Healthcare SaaS

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Summary

Frontend Engineer with 2+ years building production healthcare SaaS using Angular, RxJS, React, and TypeScript. Worked across the full frontend lifecycle at a healthtech startup architecting new products, integrating REST APIs, debugging production issues, and coordinating with backend and DevOps teams. Led frontend work for FHIR/ABDM compliance that achieved NHA certification (M1–M3). Comfortable owning features end to end and shipping in fast-moving environments.

Experience

Probepius · Frontend Engineer

May 2024 – Present *Bangalore, India*

Laboratory Management System (LMS)

- Built the LMS frontend from scratch as the only frontend developer on the project, across 3 modules (Admin, Receptionist, Technician) and 15+ screens: test and drug database management, patient registration, billing, result entry, PDF generation, and automated report delivery.
- Defined the UI data model early in the project; the backend team built REST APIs around it, reducing integration rework. Integrated 60+ REST APIs across HMS and LMS using RxJS, handling async flows, RBAC, and production edge cases. Live in production 6+ months with a paying clinical client.

FHIR/ABDM Certification — Hospital Management System (HMS)

- Led frontend ABDM compliance work: built FHIR-compliant data structures and implemented complex dynamic Reactive Forms across multi-role clinical workflows (Admin, Doctor, Nurse, Receptionist, Finance). The test creation form had 30+ fields including nested dynamic sections.
- NHA certification (M1, M2, M3) achieved, directly enabling the company to onboard new regulated healthcare clients.

SSO Layer & HMS Lite

- Proposed and built a shared Angular SSO app after identifying repeated login logic across products. It now handles login and post-auth routing for HMS, LMS, and HMS Lite as a single lightweight auth layer.
- Built HMS Lite as the only frontend developer on the project: calendar-driven appointment creation, role-based access, new Figma-based design system. Worked with designers through review rounds. Won first place in an internal competition for Plotlyz.com, a demo site for a graph-data SaaS product.

Freelance Frontend Developer · Self-employed

Oct 2025 – Jan 2026 *Remote*

- Built and shipped yogavanaayurpharmacy.com in Next.js with SSR, including a dynamic admin panel that lets the client manage products without developer involvement. Focused on page performance, SEO structure, and responsive layout. Live in production.

Technical Skills

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS

Frameworks: Angular, React, Next.js (SSR)

Angular Ecosystem: RxJS, Reactive Forms, Angular Material, NgRx (familiar)

Auth & APIs: Keycloak, JWT, OAuth2, RBAC, SSO architecture, REST APIs

Healthcare: FHIR, ABDM / NHA certification standards

AI & Tooling: RAG pipelines, LLM integration, Claude Code, agentic app development

Performance: Lazy loading, code splitting, SSR, reusable component architecture

Tools: Git, Postman, Figma

Projects

Frontend AI Assistant (In Progress)

Angular / RAG / LLM APIs

- Building a ChatGPT-style agentic assistant for frontend development using a RAG pipeline, LLM APIs, and a streaming chat interface, architected from scratch.

Education

Dayananda Sagar Academy of Technology and Management

B.Tech, Computer Science and Engineering

2020 – 2024

CGPA: 8.51 Bangalore