

Animesh Basak

Lead Frontend Engineer | React, TypeScript, Schema-Driven UI | Frontend Architecture & Design Systems
New Delhi, India | +91-9971340719 | animeshsbasak@gmail.com | linkedin.com/in/animeshbasak | github.com/animeshbasak | animeshbasak.com

PROFESSIONAL SUMMARY

Frontend-focused Lead Engineer with 7.5+ years building high-scale consumer web and mobile platforms, including Airtel Thanks App at 150M+ MAU. Specializes in React/TypeScript architecture, schema-driven UI, shared frontend platforms, design systems, micro-frontends, Module Federation, performance, accessibility, and testability. Leads reusable platform capabilities consumed across multiple teams and journeys, from HLD/LLD and developer-facing abstractions through delivery and production review, with hands-on React Native, backend API, and AI-assisted engineering experience.

SKILLS

Frontend Platform: React, TypeScript, JavaScript, Server-Driven UI (SDUI), Schema-Driven UI, Configuration-Driven Rendering, React Native, Next.js, Design Systems, Widget/Component Libraries

Architecture: Micro-frontends, Module Federation, Monorepos, Redux, Zustand, HLD/LLD, SSR

Performance & Quality: Core Web Vitals, LCP, Performance Optimization, Bundle Optimization, Accessibility (A11y), Vitest, Jest, React Testing Library, Sentry

Platform & Backend: Shared UI Infrastructure, BEFE, Groovy, Scriptlets, Spring Boot, Node.js, REST APIs, BFF

AI & Delivery: Claude Code, Agentic Workflows, Model Routing, MCP, Jenkins, GitHub Actions, Docker, GrowthBook

WORK EXPERIENCE

Lead Engineer

June 2025 - Present

Airtel Digital Ltd. | New Delhi, India

- Lead a squad of 5-7 engineers owning React/TypeScript architecture, delivery, and release standards across prepaid, postpaid, Airtel One, Black, and SKYC journeys on Airtel Thanks App at 150M+ MAU; serve as final production review gate for code quality and regression safety.
- Build and evolve a shared schema-driven frontend platform consumed across multiple Airtel product teams and journeys using BEFE schemas, Groovy scripts/scriptlets, reusable BEFE components, a shared design system, widget library, and Artist utilities for configurable web experiences.
- Build a schema-driven React Native conversational journey for SKYC onboarding, where server-defined schemas compose native design-system widgets and reusable platform utilities integrated with KYC and verification APIs.
- Authored HLD/LLD with architect sign-off; own GrowthBook experimentation and Jenkins CI/CD, and shipped Spring Boot REST services for DTH address-update, order-validation, and order-cancellation flows.

Senior Software Engineer II, Frontend

July 2024 - May 2025

MakeMyTrip India Pvt. Ltd. | Gurugram, India

- Improved Lighthouse scores from 6 to 8-9 through SSR tuning, LCP optimization, and critical-rendering-path improvements on the hotels booking PWA and desktop web serving 5M+ monthly sessions; worked across micro-frontend, Module Federation, and monorepo architecture.
- Resolved a systemic defect generating 1,000+ Sentry errors within 48 hours; built reusable component architecture cutting onboarding time 30% while sustaining 90%+ test coverage with Vitest, Jest, and React Testing Library.

Software Engineer

October 2021 - June 2024

One97 Communications Ltd. (Paytm) | Noida, India

- Led migration from legacy merchant workflows to modern React architecture across journeys serving 3M+ active merchants, working with micro-frontends, Module Federation, and monorepo-based frontend codebases; optimized Soundbox checkout, contributing to a 40% increase in EDC device sales.
- Built analytics dashboards as Analytics SPOC, lifting merchant engagement metrics 10-15% and enabling faster cross-functional product decisions.

Frontend Developer - Sparklin Innovations (ICICI Bank Nirvana)

Jan 2021 - Oct 2021

Systems Engineer - Infosys Ltd. (ANZ Bank, FINACLE)

Dec 2018 - Jan 2021

- Built Angular and React modules for ICICI (Nirvana) and ANZ Bank (FINACLE) internet-banking platforms; delivered modular components, API validation, and automation with Postman and WebDriverIO.

PROJECTS

SuperAgent & insanemesh.ai | Claude Code, Gemini, Groq, Puppeteer, Meta API

- Built a meta-skill framework auto-routing Claude Code across build, fix, and review tasks; automated an AI content pipeline using Gemini, Groq, Puppeteer, and Meta Graph API.

Lakshya Hub - AI Job-Search OS | Next.js, TypeScript, Supabase, Groq, Gemini

- Built an AI job-search platform with multi-model routing, 10 ATS templates, Recruiter Heatmap, public Leaderboard, and a 98-test suite at 90%+ coverage.

EDUCATION

B.Tech, Computer Science and Engineering - Inderprastha Engineering College, Delhi NCR | 2014 - 2018 | 75.4%