Prathamesh Chikkali

7972080461 — LinkedIn — chikkaliprathamesh3@gmail.com — Github

SUMMARY

Creative and performance-driven Front-End Engineer and B.Tech CS student specializing in scalable, responsive, and user-centric web applications. Expert in React.js and modern JavaScript (ES6+), with strong UI/UX intuition. Proven hackathon winner and Level 4 CodeChef programmer. Passionate about bridging sophisticated AI backends with intuitive frontend experiences.

TECHNICAL SKILLS

Core Frontend: React.js, JavaScript (ES6+), HTML5, CSS3 (Flexbox, Grid), TypeScript

State Management & Data: Redux Toolkit, Context API, Axios, TanStack Query

Styling & UI: Tailwind CSS, Framer Motion, Material UI, Figma

Performance & Tools: Webpack, Vite, Lighthouse (Core Web Vitals), Git, Jest

Backend Awareness: Node.js, REST APIs, Firebase, Supabase

Algorithms: Strong DSA foundation (NPTEL Certified), UI state logic specialization

FRONT-END FOCUSED PROJECTS

Lumina — Enterprise Neo-Bank Dashboard
React.js, Tailwind CSS, Recharts, Framer Motion, Context API

- Built a high-fidelity financial dashboard with real-time data visualization using Recharts and smooth micro-interactions via Framer Motion.
- Reduced bundle size by 35% using Code Splitting and Lazy Loading, achieving sub-2s initial load time.
- Designed a scalable global state system supporting multi-currency handling and live transaction updates across 10+ components.

SignSync Web Interface — AI-Integrated Accessibility Tool
React.js, WebGL/Canvas API, MediaPipe, Tailwind CSS

- Developed a real-time gesture-to-text interface processing high-frequency webcam streams.
- Implemented custom React Hooks to manage webcam lifecycle and MediaPipe inference loops.
- Ensured 100% mobile responsiveness and WCAG 2.1 accessibility compliance.

Aura Design System — Reusable Component Library
React, TypeScript, Storybook, CSS Modules

- Built a library of 30+ reusable UI components with strict type safety using TypeScript.
- Used Storybook for isolated development and documentation, reducing future UI build time by 40%.

ACHIEVEMENTS & CERTIFICATIONS

- Level 4 CodeChef; 5-Star in Java/Python on HackerRank.
- 1st Place – Samarthana Hackathon (Led frontend architecture and UI design).
- Full-Stack Development – EduSkills (Jun 2024).
- Data Structures and Algorithms in Python – NPTEL (Nov 2024).
- Active Figma community contributor focused on prototyping and user journey mapping.

EDUCATION

Shri Ramdeobaba College of Engineering and Management, Nagpur
B.Tech. in Computer Science (AI & ML)   CGPA: 8.65
2023 – 2027