

# Aswin Krishna T

React Developer | Frontend Engineer | Next.js | JavaScript (ES6+)

☎ +91 8089459939 | ✉ [ashhwin041@gmail.com](mailto:ashhwin041@gmail.com) | 🌐 [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## Summary

---

React and Next.js developer who learns by building. Independently designed and deployed two full-stack personal projects — an AI chat application integrating Google’s Gemini API and a real-time data transformation tool — taking each from idea to live deployment without guidance, applying the same architectural decisions used in professional React teams. Backed by real internship experience as the sole frontend engineer at an early-stage startup, delivering 15+ reusable components and translating Figma designs into production-ready React code. Strong fundamentals in component architecture, API integration, and performance-focused UI — with the discipline to build things properly even when no one is watching.

## Technical Skills

---

- **React Core:** Hooks (useState, useEffect, useContext), Context API, Component Composition, Controlled Components, Lazy Loading, Code Splitting
- **Framework:** Next.js (App Router, SSR, SSG, File-based Routing, API Routes)
- **Languages:** JavaScript (ES6+), TypeScript (Basic), C#
- **Styling:** Tailwind CSS, Bootstrap, CSS3, Responsive / Mobile-first Design, Cross-Browser Compatibility
- **APIs & Services:** REST API Integration, Axios, Firebase Auth, Firestore, Gemini AI API
- **Tools:** Git, GitHub, Vite, Vercel, Netlify, Postman, Chrome DevTools, VS Code
- **Currently Learning:** TypeScript (deepening), React Testing Library, React Native

## Projects

---

### Samsara AI – AI-Powered Chat Application

[Live](#) | [GitHub](#)

*Next.js • Gemini AI API • Firebase Auth & Firestore • JavaScript • Vercel*

- Self-initiated project to deepen understanding of AI API integration and full-stack Next.js architecture — designed and deployed independently, without any tutorial template or starter boilerplate.
- Integrated Google Gemini AI for real-time conversational responses; managed conversation state, message rendering, and session persistence entirely on the frontend — no dedicated backend needed.
- Implemented Firebase Authentication with protected routes and persistent login sessions, practising the same auth patterns used in professional-grade applications.
- Architected UI components to be model-agnostic: swapping the underlying AI API requires changing one file — a deliberate decision made to understand abstraction and separation of concerns in practice.
- Deployed on Vercel and implemented error handling with loading states to practise production-level UX discipline on a personal build.

### Postly – Real-Time Data Transformation Tool

[Live](#) | [GitHub](#)

*Next.js • React • JavaScript • Firebase Auth • CSS • Vercel*

- Built to practise modular React architecture — each format converter (JSON, XML, CSV) is an independent module so new formats can be added by writing one function without modifying any existing code.
- Deliberately constrained dependencies and used Next.js routing to practise performance-conscious build decisions, achieving fast load times even on low-bandwidth connections.
- Integrated Firebase Authentication outside of a guided internship environment to practise implementing secure login, signup, and session handling independently.
- Applied mobile-first responsive CSS principles learnt during the Wynxio internship to a solo project context, reinforcing those patterns without external feedback.

## Work Experience

---

### React Developer Intern — Remote

**Oct 2025 – Jan 2026**

[Wynxio Technologies](#)

*Early-stage startup • Sole frontend engineer on the team*

- Owned the entire frontend component system as the **only React developer on the team** — responsible for every UI decision with no senior developer to fall back on.
- Delivered **15+ reusable, prop-driven React components** that formed the shared UI foundation across the product, built for composability so future engineers can extend them without rewriting existing code.
- Eliminated design-to-code revision cycles by catching layout and spacing edge cases directly in Figma before they became bugs — reducing back-and-forth with the design team on every sprint.

- Integrated REST APIs via Axios across 5+ application views with complete loading, error, and empty-state handling — no unhandled rejections or blank screens reached users.
- Proactively identified and fixed 8 cross-browser rendering bugs before QA review, keeping the release backlog clean during a critical delivery window.
- Established reusable prop patterns across components that reduced duplicated styling logic and made the codebase significantly easier for the next engineer to navigate.

### **Website Management & SEO Executive**

**Jul 2025 – Nov 2025**

[Hirengine](#)

*HR-tech startup • Sole owner of company web presence*

- Independently managed a live company website using HTML5, CSS3, and JavaScript — responsible for uptime, content updates, and performance with no external agency.
- Used Google Search Console to identify and resolve on-page SEO issues, directly improving organic search visibility for the startup's core product pages.
- Implemented performance improvements that reduced average page load time, supporting user retention on the company's primary job-listing pages.

### **Education**

---

**Bachelor of Computer Application (BCA)**

**Jun 2021 – May 2025**

[Bir Tikendrajit University](#)