

# Sharath Lingam

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## PROFESSIONAL SUMMARY

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UI Developer with **2 years and 7 months** of working experience building scalable, high-performance web applications using **React.js**, **TypeScript**, and **JavaScript**. Strong expertise in **component architecture**, **REST API integration**, **responsive design**, and **UI performance optimisation**. Experienced in **Agile** workflows, **Git**-based version control, and cross-functional collaboration with UX, backend, and QA teams. Proficient in leveraging **AI tools** (Claude Code) to accelerate development and improve code quality.

## KEY ACHIEVEMENTS

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- Architected and built a **real-time staff tracking UI** for **400+** medical personnel using **TanStack Query** polling and **Google Maps API polyline rendering** which is a scalable, high-performance frontend solution handling concurrent live data streams.
- Developed complex **billing and invoicing UI** with multi-step **form builders**, dynamic **custom components**, and intricate **state logic** — demonstrating deep **design pattern** application and reusable component architecture.
- Contributed **6 merged PRs** to **Mathesar** (open source) — navigating a large production codebase, enforcing code quality, and collaborating asynchronously with an international engineering team.
- Reduced deployment time by **60%** via **CI/CD pipelines** (GitHub Actions + Docker) and cut security incidents by **40%** through **JWT**, **OAuth 2.0**, **RBAC**, and encrypted credential storage.
- Increased client satisfaction scores by **15%** across **3** engagements through reliable on-time delivery, direct client communication, and high UI quality standards.

## EXPERIENCE

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### Software Engineer

September 2023 – Present

*Vish Gyana Technology Solutions*

*Chennai, Tamil Nadu*

- Designed and developed **scalable, reusable UI components** using **React.js**, **TypeScript**, **JavaScript** (**ES6+**), **HTML5**, **CSS3**, and **TailwindCSS** — applying **component composition** and **design patterns** for maintainability across 3+ client products.
- Integrated frontend applications with **RESTful APIs** — handling loading, error, and empty states gracefully, managing async data flows with **TanStack Query**, and ensuring resilient UI behaviour under real-world conditions.
- Owned **state management** architecture using **Zustand** and **React Context** — implementing predictable, scalable state patterns for complex, data-heavy flows.
- Applied **UI performance optimisation** techniques — **code splitting**, **lazy loading**, **memoization**, and image optimisation — targeting fast LCP, low CLS, and smooth cross-device experiences.
- Ensured **cross-browser** and **cross-device compatibility** across all deliverables, following **WCAG** accessibility standards and enforcing **UI security best practices** (JWT, OAuth 2.0, RBAC).
- Collaborated directly with UX designers (via **Figma**), backend engineers, and clients — translating requirements into pixel-accurate, maintainable implementations within **Agile** workflows.
- Leveraged **AI tools** (Claude Code) throughout the development lifecycle to improve code quality, accelerate debugging, and explore optimal implementation approaches.

### Full-Stack Developer Intern

July 2023 – August 2023

*Vish Gyana Technology Solutions*

*Chennai, Tamil Nadu*

- Built **Progressive Web Applications** (PWAs) and **WCAG**-compliant accessible interfaces, gaining deep familiarity with browser rendering, the **DOM**, and **JavaScript**'s execution model through hands-on **Three.js** and **WebGL** work.

## PROJECTS

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**GeriCare** | *React, TypeScript, TailwindCSS, TanStack Query, Google Maps API* June 2025 – Present

- Built a scalable real-time tracking dashboard using **TanStack Query** (5s polling) and **polyline rendering** — serving **400+** concurrent medical personnel with live location visibility.
- Designed and developed complex **billing/invoicing UI**, multi-step **form builders**, **custom reusable components**, and intricate **state logic** — integrated via **RESTful APIs** with full error and edge-case handling.
- Built scheduling UI for **100+** doctors and **300+** nurses, resolving critical billing bugs impacting production revenue visibility.

**Intellicite** | *SvelteKit, TypeScript, HuggingFace, AWS* | [Link](#) Feb 2025

- Built the **SvelteKit** frontend for a cloud-hosted RAG application — document upload flows, NL query interface, and real-time response rendering integrated with REST APIs.
- Owned the full **AWS** deployment pipeline — CI/CD, infrastructure setup, and observability (CloudWatch → SNS → Telegram alerting), reducing infrastructure cost spikes by **35%**.

**Cybersmartz** | *JavaScript, SvelteKit, ElectronJS, Firebase* July 2024

- Built a cross-platform desktop application reducing user setup time by **80%** via one-click activation flows and a clean, intuitive UI built with **Electron** and **SvelteKit**.

**Personal Portfolio** | *HTML, CSS, JavaScript* | [www.sharathlingam.dev](http://www.sharathlingam.dev) 2024 – Present

- Production-grade portfolio built with plain **HTML**, **CSS**, and **JavaScript** — demonstrating deep **SEO** knowledge: JSON-LD structured data, Open Graph, canonical URLs, fetchpriority, lazy loading, and semantic HTML.

## OPEN SOURCE

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**Mathesar** | *Svelte, Python, PostgreSQL* | [6 Merged PRs](#) 2024 – 2025

- Contributed UI, accessibility, and template improvements to a globally-used open source tool — navigating a large unfamiliar codebase and meeting the standards of an international maintainer team.

## TECHNICAL SKILLS

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**Core:** JavaScript/TypeScript (ES6+), HTML5, CSS3, React.js, Next.js, SvelteKit

**Architecture:** Component-driven UI, MVC, Design Patterns, Reusable Component Libraries

**Styling:** TailwindCSS, SCSS, CSS Modules, Flexbox, Grid, Responsive Design

**State Management:** Zustand, TanStack Query, React Context

**API Integration:** RESTful APIs, Async/Await, Error & Loading State Handling

**Performance & Standards:** Core Web Vitals, WCAG Accessibility, SEO, Semantic HTML, PWA

**Tooling:** Git, Vite, Webpack (working knowledge), Babel (working knowledge), npm, yarn

**Cloud & DevOps:** AWS, Docker, GitHub Actions, CI/CD

**AI Tools:** Claude Code (Advanced), LLM API Integration

**Other:** JWT, OAuth 2.0, RBAC, Three.js, ElectronJS, Firebase

## EDUCATION

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**RMD Engineering College**

*Bachelor of Engineering in Computer Science* | **CGPA: 8.06 / 10**

Kavaraipettai, Tamil Nadu

*March 2020 – April 2024*