

# SRI SUDERSAN

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Open to relocation within 1 week

## Work Experience

**Frontend Engineer**, Dataparts – Atlanta, GA December 2024 – Present

- Owned end-to-end frontend architecture and development across 4 repositories from design to deployment
- Built an AI Conversation Assistant using React and TypeScript with real-time SSE updates to process HR workflows
- Implemented a collaborative canvas workspace with Google Drive integration using Vite, Zustand and TypeScript
- Built a modular authentication platform using React, TypeScript, TanStack, reused across 4+ tenant applications
- Standardized a shared design system (ShadCN UI, Tailwind CSS), accelerating feature delivery across multiple repos

**Full Stack Engineer**, Curajoy – Atlanta, GA October 2024 – December 2024

- Built an interactive calendar UI using Next.js, Figma, TypeScript to help users visualize their daily activities
- Implemented reward payouts and invites as part of a distributed message queue system using Node, Express, BullMQ

**Frontend Engineer**, One Community Global – Philadelphia, PA June 2024 – October 2024

- Created activity dashboards using React and D3.js based on Figma designs, delivering insights for 230+ active users
- Implemented unit and integration tests using Jest and RTL, reducing QA cycle time from 2 days to 9 hours

**Frontend Engineer Intern**, VanEck – New York, NY June 2023 – August 2023

- Developed a DeFi Asset Tokenization platform using React and Web3.js with projected cost savings of \$500K annually
- Optimized website performance through Redux state management, reducing dashboard load time from 2.4s to 800ms
- Developed Ethereum transaction flows by integrating multi-signature approvals via MetaMask and 8+ REST APIs
- Built responsive UI components using Material-UI, CSS and React hooks, implementing fluid animations and layouts

**Frontend Engineer**, Tata Consultancy Services (Amex) – Chennai, India August 2021 – August 2022

- Migrated Amex AtWork platform from jQuery to React, improving scalability and UX for 5,200+ DAUs across 41 clients
- Boosted client retention by 12% by modernizing core UI components tied to \$48M+ in daily transaction workflows
- Built 22+ React UI components for financial dashboards integrating REST APIs and achieving 92% user satisfaction

## Skills

**Languages:** JavaScript (ES6+), TypeScript, Python, HTML, CSS

**Libraries & Frameworks:** React, Next.js, Redux, Zustand, Node.js, Tailwind CSS, SCSS, Jest, RTL

**Databases & Cloud:** SQL (PostgreSQL), NoSQL (MongoDB), Redis, Firebase, AWS

**Tools:** Git, Figma, Docker, CI/CD (Github Actions)

## Projects

**AI Agent Platform** [Project Link](#)

- Built an AI Agent platform using Next.js, TypeScript, Convex backend and Clerk auth to manage secure user sessions
- Integrated LangChain with YouTube, Google Books, and Wikipedia APIs to enable info extraction and summarization
- Connected IBM WxTools SDK with LangGraph to create an agent-tool execution graph for AI interaction patterns

**Dm.ai - Instagram Marketing SaaS** [Project Link](#)

- Developed a marketing automation platform using Next.js, TypeScript, PostgreSQL, and Meta webhooks, integrating with Instagram for content scheduling and engagement tracking with optimistic UI updates
- Integrated OpenAI to power smart, context-aware Instagram responses with average response generation time < 4s

## Education

**Drexel University** – MS in Computer Science March 2024

**Anna University** – BE in Electronics and Communication Engineering April 2021