

David S D

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PROFESSIONAL SUMMARY

Full-stack engineer with 4+ years of experience shipping whole products, from schema to UI, that look as good as they work. Currently Frontend Lead at NEXTech, leading a 4-person team building HOAshare's financial module end-to-end (invoicing, payments, reporting) on Next.js, Node, and TypeScript, and shipping open-source infrastructure on the side, including Wave, a messaging service for AI coding agents. Strong design sensibility across typography, color systems, and interaction design. Track record of measurable impact: 20% faster dev cycles, 30%+ team efficiency gains, and 40%+ SEO/load speed improvements.

CORE COMPETENCIES

Full-Stack Development

Next.js / React / TypeScript

Node.js APIs & Redis

Payments (Stripe, Plaid)

Technical Leadership

Design Systems

AI-Assisted Engineering

CI/CD & Testing

WORK EXPERIENCE

NEXTech Jun 2025 - Present

Frontend Lead · Bangalore

- Led [AI Protect](#) end to end with a team of four: product thinking, decisions, and the build across a macOS/Windows endpoint agent, a browser extension, and an admin console. It shows a firm which AI tools its team uses and catches client data at the paste, with checks running on the device so the console learns what happened, never the pasted content.
- Lead a 4-person frontend team building [HOAshare](#), a property-management platform serving property managers, HOA communities, and vendors, owning architecture, code reviews, and delivery across three Next.js apps in a Turborepo monorepo.
- Built the financial module frontend end-to-end: invoicing, bill pay, budgets, and payment flows with Plaid bank linking and Stripe, plus drill-down financial reports (balance sheets, audit logs) with batch PDF generation.
- Architected the shared design system and component library powering all of the platform's web apps: Radix/shadcn-based components, a Lexical rich-text editor, timezone-aware date handling, charts, and email template rendering.
- Designed the team's AI-assisted development workflow (LLM commit conventions integrated with task tracking, agent context files, enforced pre-commit checks), adopted team-wide.
- Expanded scope into full-stack development, shipping backend features alongside frontend, enabled by AI-augmented engineering.

LegalForce May 2024 - May 2025

Frontend Lead · Hyderabad

- Led the 4-person frontend team for a full year, owning code reviews, mentoring junior developers, and engineering standards across projects.
- Established best practices for scalability, maintainability, and consistency, improving team efficiency by at least 30%.
- Designed and implemented a Next.js starter template (fonts, hooks, utils, components, image imports, API methods), enabling near-zero time-to-deployment for future projects.

LegalForce Mar 2023 - Apr 2024

Frontend Developer II · Chennai

- Oversaw development of modular, reusable React components, reducing development cycle time by 20% per feature.
- Engineered a custom CMS (frontend and backend) with Next.js, Node.js, and Firebase, enabling dynamic multilingual site updates across 20+ subdomains.
- Crafted a blog system with Next.js App Router and Notion API using Static Site Generation (SSG), improving SEO and load speeds by 40%+.

LegalForce Jul 2022 - Feb 2023

Frontend Developer I · Chennai

- Developed frontend components for a Trademark Search Engine with 12M+ trademarks, incorporating complex filtering, SSR, and reCAPTCHA for improved security and UX.

LegalForce

Dec 2021 - Jun 2022

Frontend Developer Intern · Chennai

- Worked on multiple frontend projects using React, Next.js, and TypeScript.

Nonceblox

Dec 2021 - Jun 2022

Full Stack Developer Intern · Remote

- Built projects with Next.js and Node.js, integrating blockchain functionality with web3.js and ethers.js.

Ruhi

Apr 2021 - Sep 2021

Backend Developer Intern · Remote

- Built backend services for a dating app with Node.js, handling user authentication and data management.

PROJECTS

Wave 2026 [Case study](#) · [GitHub](#) · [Live site](#)

- Designed and shipped an open-source, self-hostable messaging service that lets AI coding agents owned by different people collaborate through short-lived channels while their humans watch and steer from the browser.
- Built the backend on Next.js route handlers and Redis: hashed bearer tokens with constant-time comparison, a pub/sub-woken long-poll, idempotent posts, per-participant rate limits, and TTL-scoped channel isolation, covered by unit, real-Redis integration, and e2e suites in CI.
- Wrote the product spec and threat model, including a server-side filter that rejects leaked secrets, and verified compatibility against Claude Code, Codex CLI, Cursor, and Antigravity. Shipped an optional npm CLI client (@david-sling/wave), released from git tags so no publish token is stored.

Offlyn 2026 [Case study](#) · [Live site](#)

- Designed and built a full-stack dating app that connects people through mutual friends: conceived the product, designed the UI/UX, and shipped it end-to-end.
- Designed the visual identity and landing page at [offlyn.love](#) in Next.js: custom Raleway typography, a pink/magenta accent system, floating hero animations, and a tone that balances warmth with modern minimalism.
- Built the web app at [app.offlyn.love](#) with TanStack Start and a cross-platform React Native mobile app, currently pending App Store and Play Store approval.
- Designed the core trust mechanic: mutual friend identity stays hidden until both parties match, with phone-number-based friend graphs and full blocking support.

Equanim 2026 [Case study](#) · [GitHub](#) · [Live site](#)

- Designed and built an open-source declarative animation specification format where every visual property is a math expression evaluated at time t : no keyframes, just equations.
- Renderer-agnostic and AI-friendly by design: specs are pure JSON with no executable code, making them safe to generate with LLMs and portable across platforms.
- Supports parametric paths, ODE systems with RK4 numerical integration (e.g. double pendulum physics), and live user-controllable variables.
- Built in TypeScript with a custom expression engine (mathjs), 279 test assertions, and a reference browser renderer.

slingcn - shadcn Registry 2025 [GitHub](#) · [Live site](#)

- Published a custom shadcn/ui registry (registry v3 standard) at [shadcn.davidsling.in](#), shipping a data-command component for advanced data querying and a use-modal-control-query hook for URL-driven modal state, installable via the shadcn CLI.

EDUCATION

Bachelor of Technology in Electronics and Communication, Vellore Institute of Technology

2018 - 2022

Amaravati, AP

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS **Frameworks/Libraries:** Next.js, React.js, Node.js, React Native, TanStack Start

Data: SQL, Redis, Firebase, MongoDB **Tools:** GitHub Actions, Docker, Vercel, AWS EC2, WebSockets, Vitest

Design: Figma, Adobe Illustrator, Adobe Photoshop **Blockchain:** Web3.js, Ethers.js, Metamask integration