Codelites - WE HAVE TO WIN

🏛️ Legalyze AI

Tagline

Upload any contract → AI instantly spots risks, missing protections, and weird terms. Get a clear report + smart fixes in seconds.

What it does (Core Features)

- Reads PDF or DOCX contracts

- Finds risky clauses (e.g. unlimited liability)

- Flags missing important protections (e.g. no indemnity, no termination rights)

- Highlights unusual / one-sided terms

- Creates a simple risk report with color-coded warnings

Tech Stack – Everything fast & ready thanks to Next Forge

- **Main setup**: Next Forge – full monorepo + SaaS starter

- **Frontend**: Next.js + shadcn/ui + Tailwind (looks great instantly)

- **Login**: Clerk (easy & secure user accounts)

- **Upload & read files**: Next.js API + pdf-parse or mammoth.js

- **AI brain**: Vercel AI SDK → connect to Grok / OpenAI / Anthropic

- **Database**: Prisma + Neon Postgres (save reports & user stuff)

- **Extras already included**: Tailwind, Zod, Arcjet (security), Resend (emails), Vercel deploy
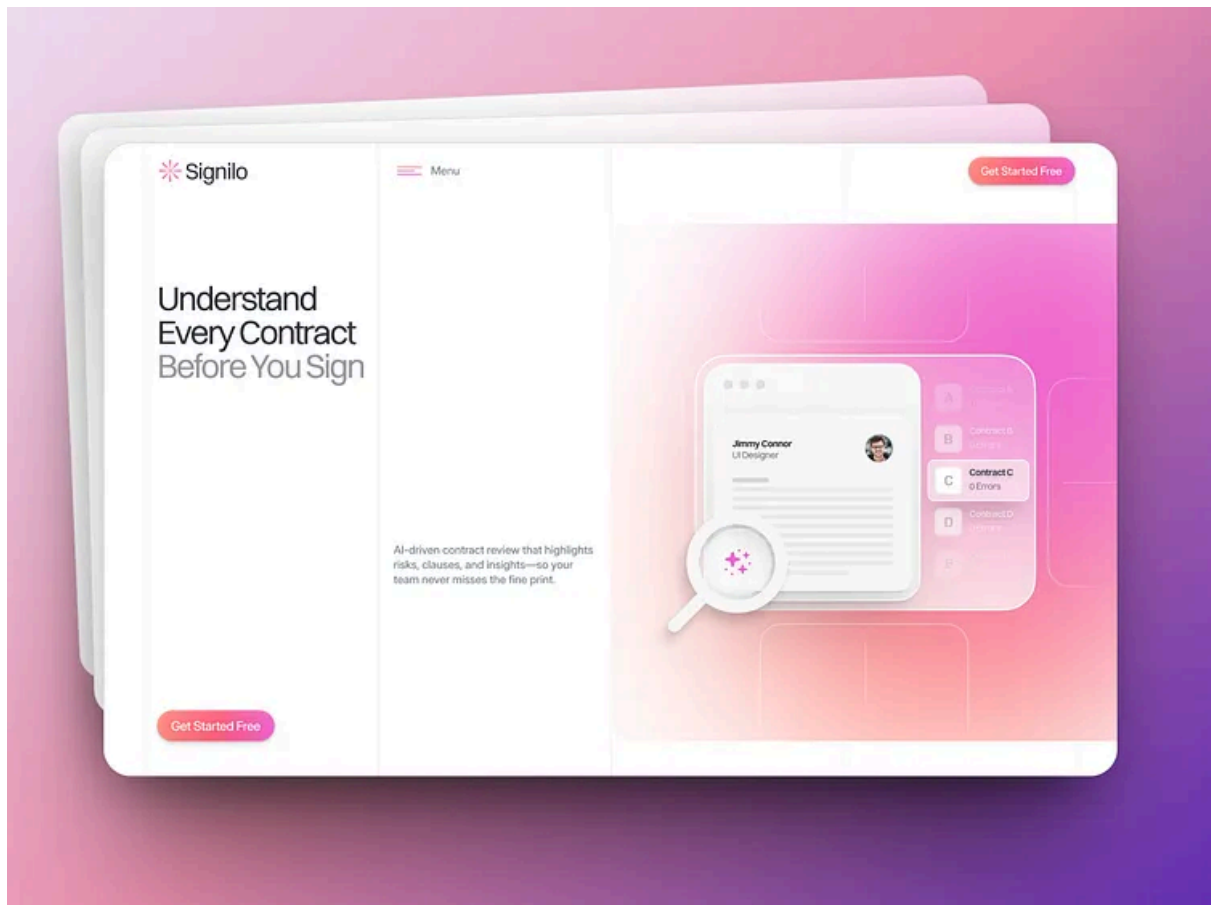 → We focus on AI + cool features, not boring setup.

Extra Features That Make Us Stand Out (Hackathon Winners)

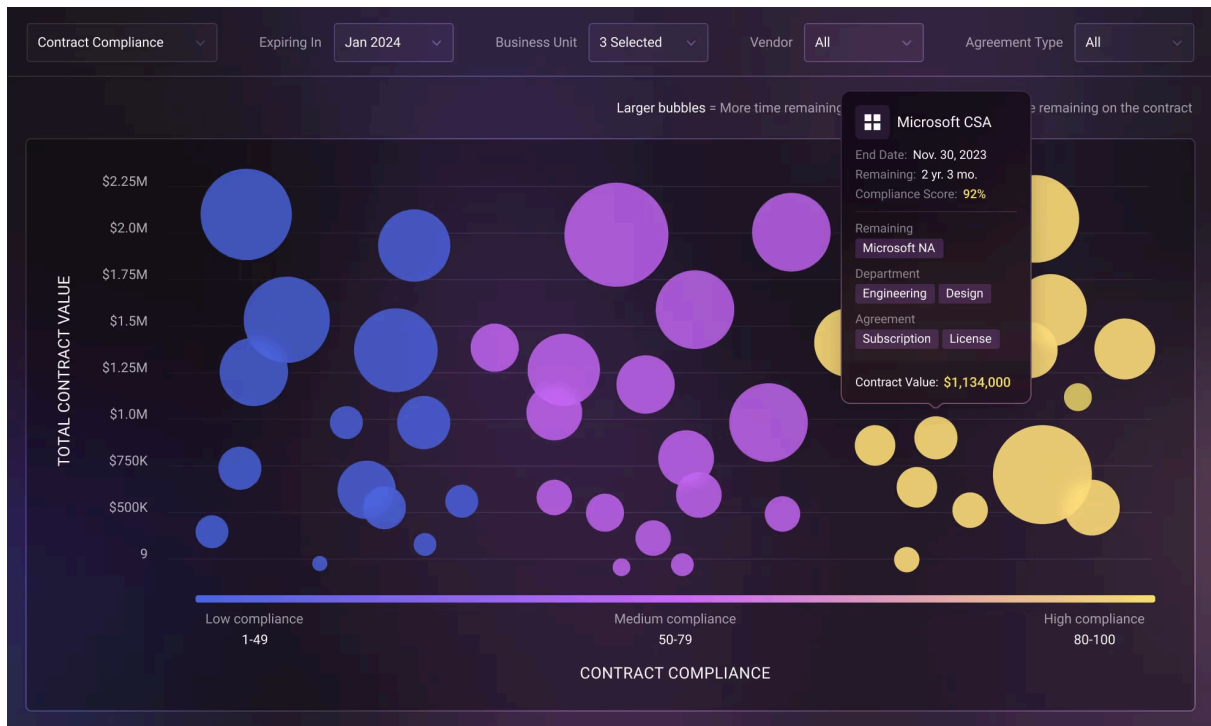These are simple to add but look impressive in demos:

1. **Risk Dashboard (Heatmap Style)**
   One beautiful page showing:

   - Red / Yellow / Green flags per section

   - Top 5 biggest problems first

   - Overall risk score (0–100)
     → Judges love visuals like this!

dribbble.com

terzo.ai

1. **Personal Playbook (Super Easy Customization)**
   Upload 1–3 of your favorite contracts → AI learns your style.
   Then it flags: "This clause is missing mutual non-disclosure – you usually want it."
   → Feels custom without hard work.
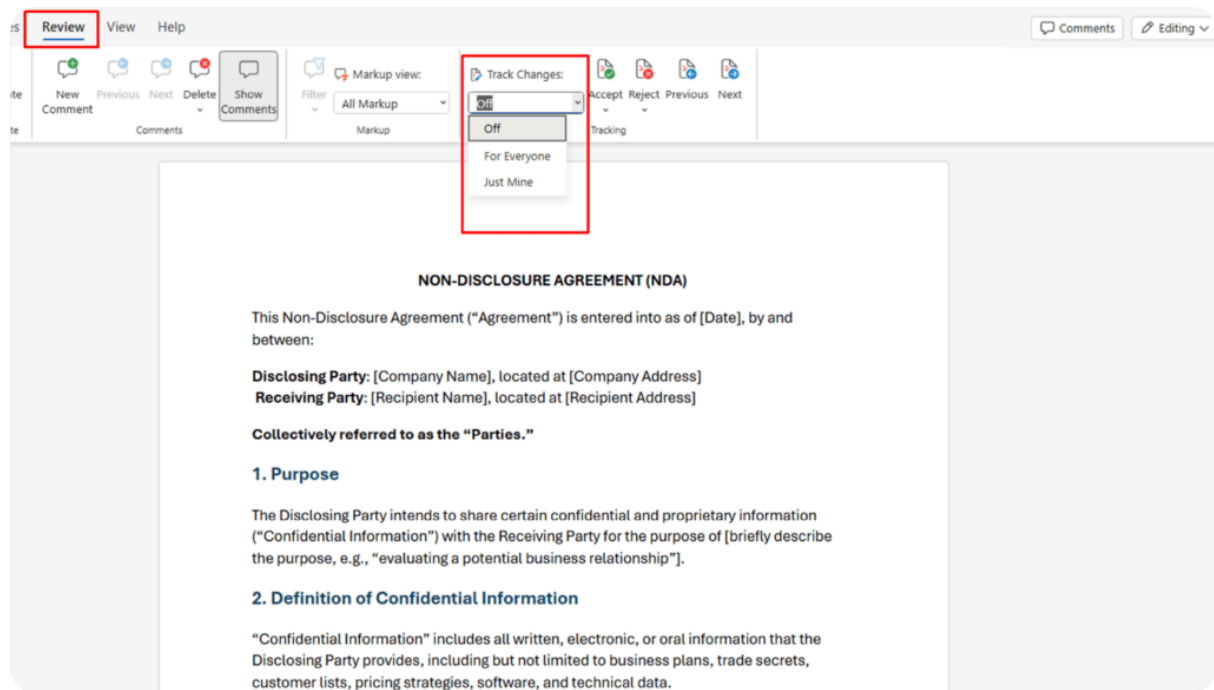
2. **Chat with the Contract**
   Ask questions like:

   - "Is liability shared both ways?"

   - "How long is the notice to cancel?"

   - "Suggest better wording for IP?"
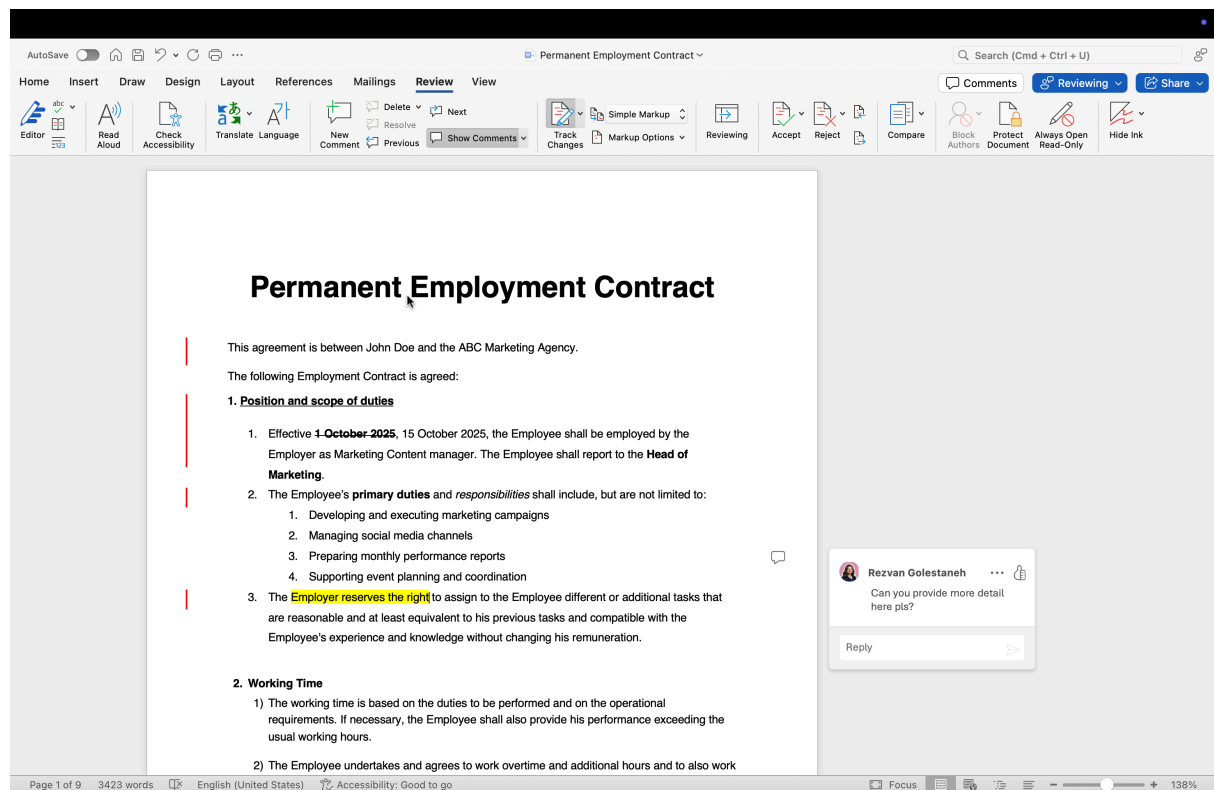   → Side chat panel, answers fast using the document.

3. **One-Click Redline Download**
   Get a Word file with tracked changes + suggested better language.
   → Lawyers can open it and email it right away.

hyperstart.com

fynk.com

1. **Missing Clause Check**

   Auto-checks for common gaps (by contract type: NDA, freelance, SaaS,

etc.)
Examples: no GDPR clause, no auto-renew warning, unlimited liability
exposure → red flag.

2. **Compare 2–3 Contracts (Nice Bonus)**
Upload different versions → see side-by-side differences + risk changes.

3. **Easy Sharing**
Create shareable link to report (expires if you want).
Send nice email summary automatically.

Why This Can Win

- Built super fast with Next Forge

- Solves a real pain (contracts take forever to review)

- Looks polished: dashboard + chat + export = great demo

- Unique touches: personal playbook + chat + redline download

- Easy to show and explain

Quick Build Plan for Hackathon

1. Upload + read file

2. Basic AI risk scan → JSON report

3. Nice dashboard UI

4. Add chat Q&A

5. + redline export

6. Polish + demo data

Let's build something lawyers would actually use! 🚀

Unique Extra Features (Hackathon Stand-Outs)

These are simple to implement but make the project feel like a real, polished
product:

1. **Risk Dashboard with Heatmap**
One-page visual summary:

   - Color-coded flags (red/yellow/green) per section

- Top 5 critical risks shown first

- Overall risk score (e.g. 72/100) with quick explanation
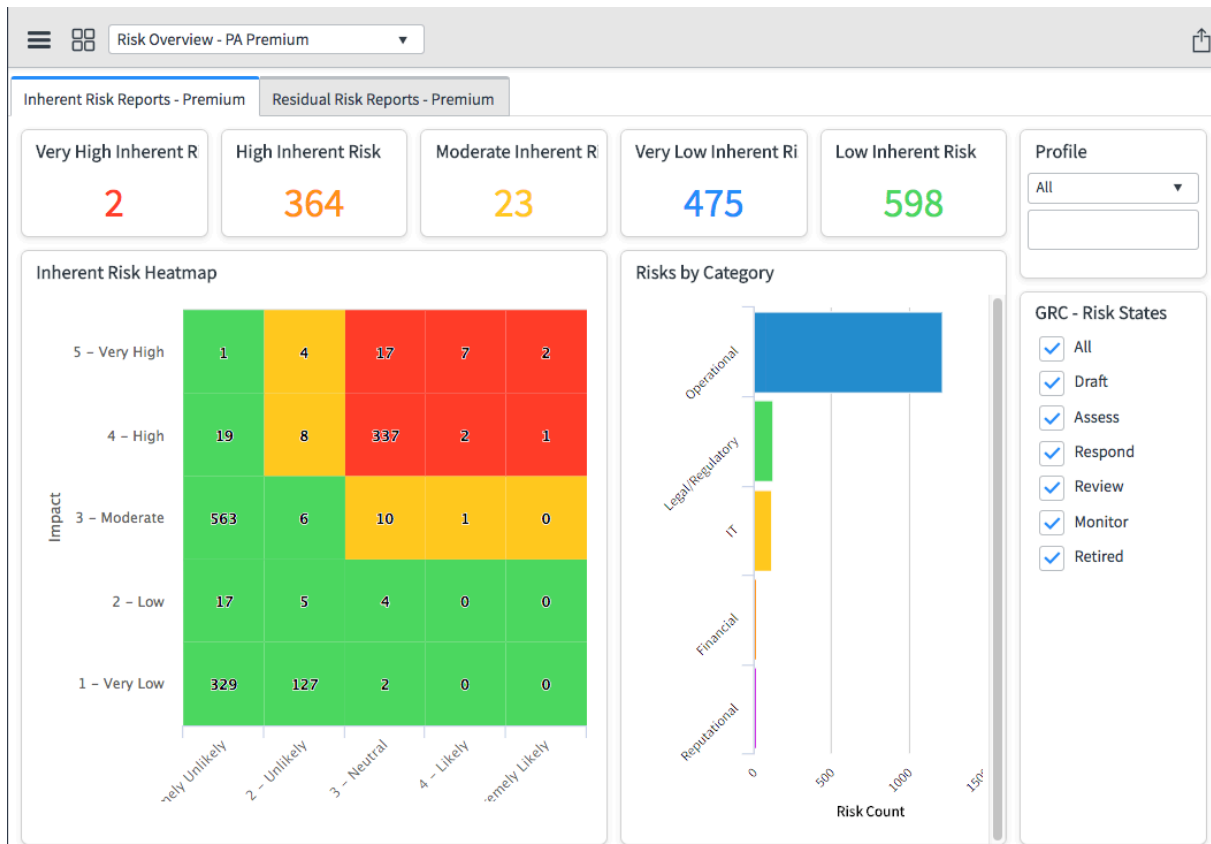 → Looks professional and demo-ready.

Risk Profile and KPIs Dashboard with Heat Map

This slide illustrates graphical representation of risk key performance indicators. It includes corporate risk profile, risk control, risk impacts with heat map.

slideteam.net

inry.com

1. **Personal Playbook from Your Own Contracts**
   Upload 1–3 of your "good" templates → AI learns your preferred style.
   Then flags deviations like: "No mutual non-disclosure – your usual template requires it."
   → Makes it feel personalized with almost no setup.

2. **Chat Q&A Directly on the Contract**
   Side panel chat where you ask:

   - "Is the liability cap mutual?"

   - "What's the notice period for termination?"

   - "Suggest better wording for this IP clause"
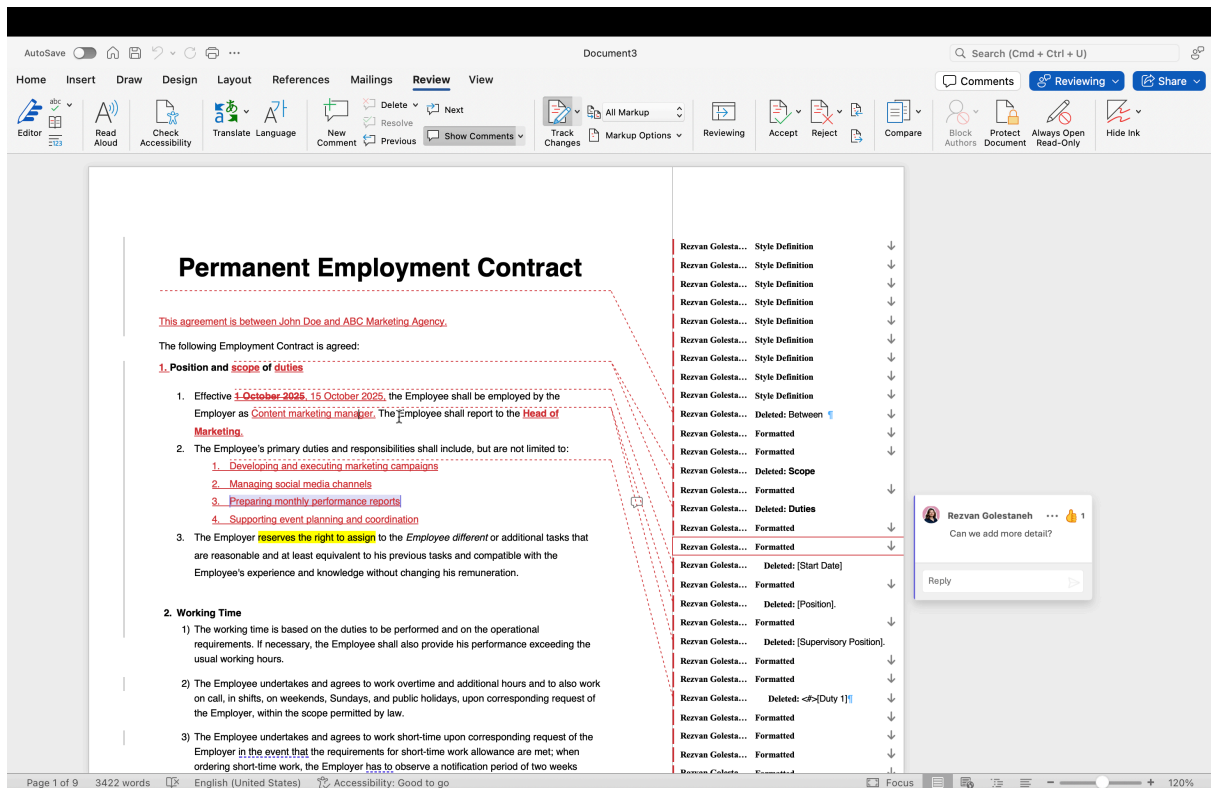   → Turns a static report into an interactive helper.
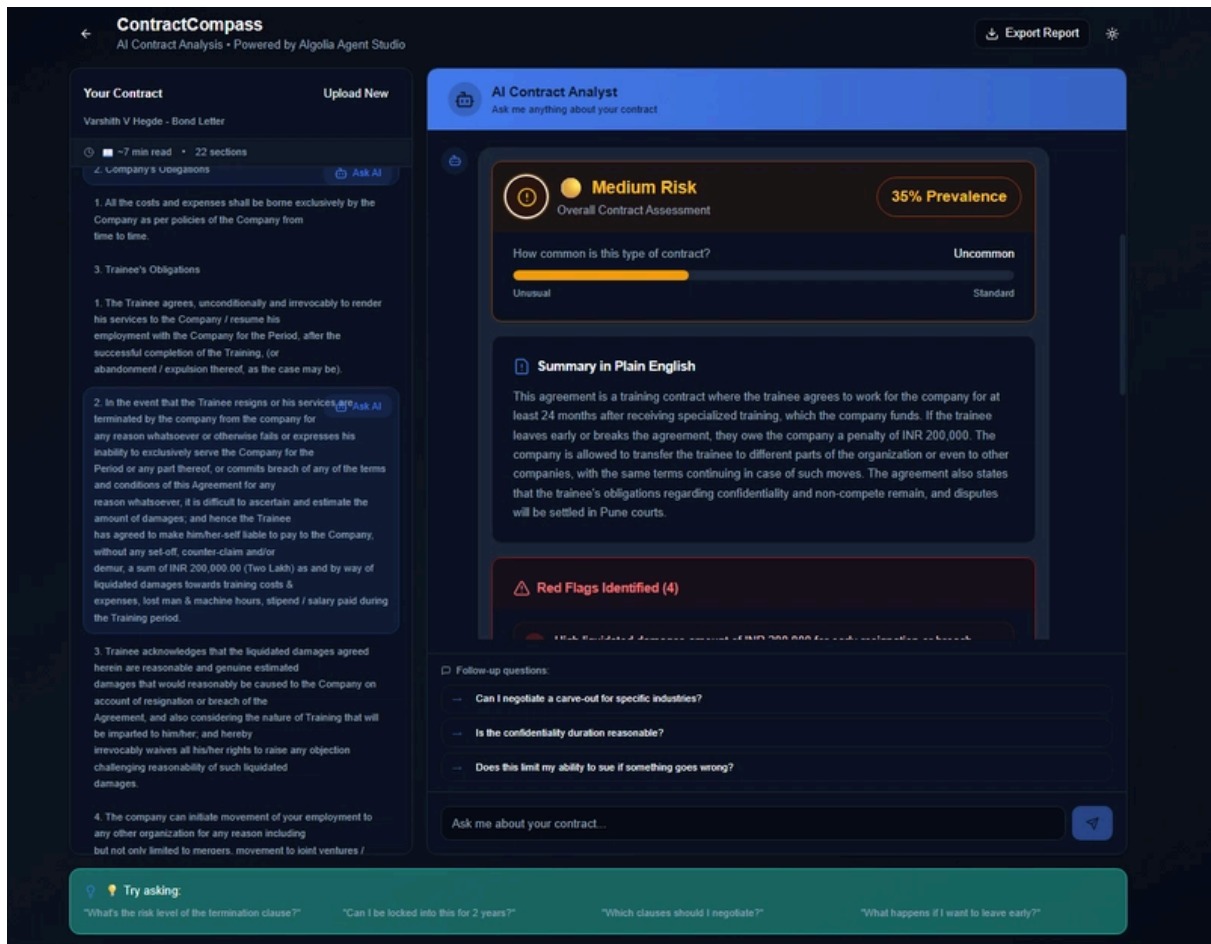
ContractCompass: Your AI Contract Analyst That Actually Speaks Human - DEV Community
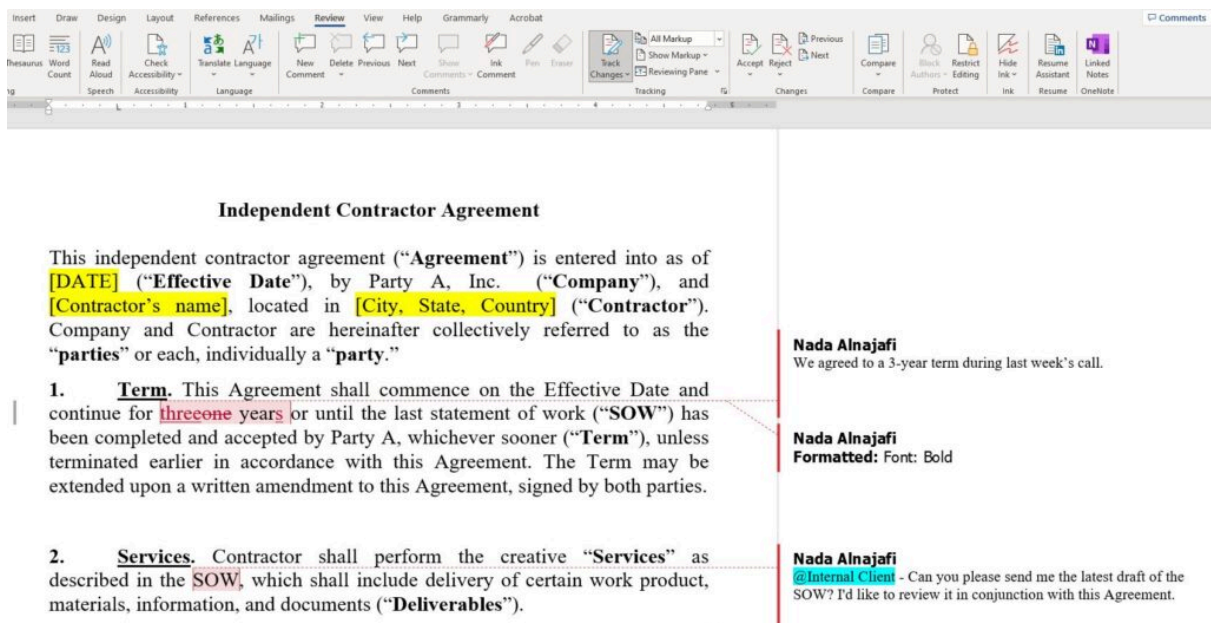
1. **One-Click Redline Export**
   Download a .docx file with:

   - Tracked changes on risky parts

   - Suggested safer language inserted
     → Open in Word and send to the other side immediately.

fynk.com

contractnerds.com

1. **Missing Clause Gap Check**
   Auto-scans for common missing items based on contract type (NDA, freelance, SaaS, etc.):

- No auto-renewal warning? Flagged.

- Unlimited liability? Red flag.

- No data protection language? Highlighted.

These extras are the difference-makers: visual polish + interactivity + practical outputs that go way beyond "just summarize the contract." They're feasible in a hackathon thanks to Next Forge + Vercel AI SDK.

tech Stack

Here's your **super compact tech stack** for Legalyze AI (all free, TypeScript, one AI):

- **Framework** — Next.js (App Router) + TypeScript

- **UI** — shadcn/ui + Tailwind CSS

- **Auth** — Clerk (free tier)

- **File Reading** — pdf-parse (PDF) + mammoth (DOCX)

- **AI** — Vercel AI SDK + @ai-sdk/google (Google Gemini 1.5/2.0 Flash – free API key from aistudio.google.com)

- **Database** — Prisma + Neon Postgres (free tier)

- **Dashboard Charts** — Recharts

- **Redline .docx Export** — docx + file-saver (optional helper)