

Job Navigator Application Definition

Build a **Next.js (React + TypeScript)** web application hosted on **Vercel** that integrates with:

- your data CVS exported (Name, company, role, location, LinkedIn URL, and shared connections)
- **Claude API** (for enrichment + email generation),
- optional **Ciro API** (for email/phone enrichment).

This app will:






✓ Receive leads From a CV document. → Store them → Enrich data → Visualize company maps → Manage outreach + notes For further recollection.

Layers

Layer	Purpose	Tool / Service
Capture (frontend)	Upload CVS	CVS
Enrichment	Enrich raw lead with verified contact data (email, phone)	Ciro API (or similar)
Storage / DB	Persist enriched leads + metadata	Next.js backend + Postgres / Prisma (on Vercel)

AI augmentation	Infer hierarchy, generate email templates, notes	LLM (e.g. Claude)
Visualization / UI	Show contact list, org-maps, lead status	Next.js + React + D3.js / UI components
Outreach / Actions	Trigger outreach, manage notes & status	Backend + UI + email senders

Core features to build:

Feature	Description
 Import data	From a cvs form
 AI Enrichment	Claude analyzes lead data, adds hierarchy & suggested outreach
 Company Maps	Visualize organization hierarchy (VP → Director → Manager)
 Email Generator	Claude creates personalized outreach templates
 Notes + CRM View	Add notes and log contact history



Search & Filter

Filter by company, title, connection degree, status



Dashboard

All leads + companies visualized in one workspace

System architecture

graph TD

A[CSV Upload] -->|Parse CSV| B[Backend API /uploadCSV]

B -->|Trigger| C[Ciro API Enrichment]

C --> D[Claude AI Augmentation]

D --> E[Database (Postgres/Prisma)]

E --> F[Frontend Visualization (Next.js + D3.js)]

F --> G[User Outreach / Notes]

Tech stack

Layer	Tool / Service	Purpose
Frontend UI	Next.js + Tailwind + D3.js	Upload CSV, view data, visualize maps
Backend / API	Next.js (API Routes)	File upload, enrichment, AI processing
Database	Prisma + Postgres (Vercel or Supabase)	Store leads & notes
Enrichment Engine	Ciro API	Add verified email + phone

AI Engine	Claude API	Infer hierarchy, generate email templates
Auth	Clerk / NextAuth	Manage user sessions
Deployment	Vercel	Host backend + frontend
Trigger	CSV Upload	Initiates full workflow

Functional pipeline logic.

Stage	Trigger	Output
Upload	User uploads CSV	Raw lead array
Enrichment (Ciro)	API call per lead	Adds email + phone
Augmentation (Claude)	Enriched lead payload	Adds hierarchy + outreach copy
Storage	Prisma write	Complete enriched lead record
Visualization	Fetch from DB	Map + list views

Action

User click

**Send or copy email, add
notes**