

ViaNova

AI-Powered Career Intelligence Workspace

Version	1.0
Status	In Active Development
Category	SaaS • AI Automation • Productivity

Executive Summary

ViaNova is an AI-powered Career Intelligence Workspace designed to help job seekers manage the entire lifecycle of a job application—from discovering an opportunity to receiving the final hiring decision.

Unlike traditional job trackers that simply record application status, ViaNova transforms every application into a structured workspace containing job intelligence, interview preparation, timeline history, documents, notes, and future AI-powered insights.

The Core Shift in Workflow

Most job trackers answer: *"Where did I apply?"*

ViaNova answers: *"Everything I need to know about this opportunity is already here."*

Vision & Mission

Mission

Help job seekers never lose context during their career journey.

Vision

Become the intelligent workspace that manages every opportunity from application to employment through AI and automation.

The Problem Statement

Applying for jobs at scale introduces a surprisingly difficult problem: **maintaining context over time**. After dozens—or even hundreds—of applications, job seekers often experience:

- Forgotten applications and lost job descriptions.
- Confusion over multiple resume versions.
- Forgotten interview details and unclear follow-up timing.
- Scattered information across job boards, email, PDFs, notes, and spreadsheets.

When interview invitations finally arrive, applicants frequently spend valuable time reconstructing the original application instead of preparing for the interview. The challenge is not the application itself—the challenge is retaining the context.

Personal Motivation

This project originated from a real experience during remote job applications. While applying through platforms, interview invitations would often arrive days or weeks later. By that time, preparing for interviews required searching through emails, locating old resumes, and rebuilding context manually.

Eventually, the realization became clear: **The problem wasn't getting interviews. The problem was remembering everything around them.**

Product Philosophy & Goals

ViaNova is **not** a job board, recruitment platform, ATS for recruiters, or a simple resume builder. It is an AI-powered Career Intelligence Workspace for job seekers.

Core Design Principle

The project is based on one fundamental belief: **Every application deserves its own workspace.** Instead of treating applications as rows inside a spreadsheet, ViaNova treats every opportunity as an evolving project.

Primary objectives include:

- Centralize every job application and preserve context indefinitely.
- Reduce interview preparation time significantly.
- Automate repetitive tracking tasks.
- Provide actionable career intelligence and professional development history.

Product Architecture

ViaNova follows a modular architecture designed for long-term scalability, adopting Clean Architecture and Domain-Driven Design principles.

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Presentation Layer | ├── Next.js 15 ├── React ├── TypeScript ├── Tailwind CSS  
└── shadcn/ui ↓ Application Layer ↓ Services ↓ Repositories ↓ Prisma ORM ↓  
Supabase PostgreSQL * Future Integrations: AI Services, n8n Automation, REST  
API, GraphQL
```

Technology Stack

- **Frontend:** Next.js 15, React, TypeScript, Tailwind CSS, shadcn/ui, Lucide Icons
- **Backend:** Next.js Server Actions, Prisma ORM, Zod Validation
- **Database & Infra:** Supabase PostgreSQL, Docker, GitHub, Vercel
- **Automation & AI (Planned):** n8n (Docker), OpenRouter, Multiple LLM Providers

Development Roadmap

Phase	Focus	Status
Sprint 0-2	Foundation, Workspace UI, Architecture, Persistence	✓ Complete
Sprint 3	Job Import Engine (URL Extraction)	In Progress
Sprint 3B	AI Job Intelligence (Summary, Skills, Salary, Risks)	Planned
Sprint 3C	Interview Workspace (STAR Stories, Research)	Planned
Sprint 4	n8n Automation (Reports, Reminders)	Planned

Design & Engineering Principles

Clean ARCHITECTURE	Domain DRIVEN DESIGN	Service LAYER PATTERN
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ViaNova emphasizes simplicity, information density without clutter, minimal interaction cost, and professional aesthetics. The interface draws inspiration from platforms like Linear, Notion, Vercel, and Stripe, prioritizing a calm user experience and workspace-first navigation.

Lessons Learned & Conclusion

Building ViaNova reinforced several product and engineering insights:

- Real problems create stronger products than feature-first ideas.
- Establishing architecture before implementation minimizes costly rewrites.
- Designing around user workflows produces more intuitive software than designing around pages.
- Separating concerns early allows AI and automation to be added seamlessly without destabilizing the system.

ViaNova began as a personal solution to a frustrating job search experience but has evolved into a scalable platform for career intelligence and automation. The long-term vision is not simply to help users track applications—it is to become the workspace they rely on throughout their professional journey.

This document serves as Case Study v1 and will be continuously updated with metrics, architecture diagrams, and sprint retrospectives as the product matures.