Product Requirements Document (PRD): Resume Tailor

# 1. Problem Statement

Job seekers often struggle to tailor their resumes to specific job descriptions. This mismatch can reduce their chances of being shortlisted. Resume Tailor aims to automate this process using AI — taking a user’s existing resume and a job description and returning a customized, optimized version.

# 2. Target Users

- Fresh graduates entering the job market

- Job switchers applying to multiple roles

- Career coaches and professionals helping others

- Recruiters testing resume optimization

# 3. Core Features

|  |  |
| --- | --- |
| Feature | Description |
| Magic Link Login | Users log in via email using Supabase magic link authentication |
| Upload Resume | Upload original resume (text or PDF) |
| Paste Job Description | Paste or upload job description of the target job |
| Tailor Resume (AI) | n8n workflow processes the input and returns a tailored resume |
| Download Result | View and download AI-generated tailored resume |
| Resume History (optional) | View previously tailored resumes per user (stored in MongoDB) |

# 4. User Flow

[Login Page] → [Dashboard → Upload Resume + Paste Job Description → Tailor Resume] → [AI Logic via n8n] → [Display Tailored Resume] → [Download or Save]

# 5. Tech Stack

|  |  |
| --- | --- |
| Layer | Tech Used |
| Frontend | Next.js + Tailwind |
| Backend/Auth | Supabase |
| Database | MongoDB (Atlas) |
| AI Logic | OpenAI via n8n |
| Deployment | Vercel + GitHub CI |

# 6. Success Criteria

- Smooth magic link login ✅

- Fast and accurate AI response (under 10s) ✅

- Tailored resume quality high enough to be job-ready ✅

- Deployed public demo on Vercel ✅

- Clear README + walkthrough video ✅

# 7. Wireframes (Described)

Login Page:  
[Enter Email] → [Send Magic Link]

Dashboard:  
Upload Resume + Paste JD → Click 'Tailor My Resume'

Tailored Resume View:  
Shows tailored text with options to Download/Copy

History Page (Optional):  
List of past resumes with timestamps