

Frontend Developer Assignment — Peroxia Technology

Assignment Title

Design & Develop a Modern Company Landing Page (Next.js + Animation)

Objective

The objective of this assignment is to evaluate your ability to design and build a modern, aesthetic, and high-quality company landing page using **Next.js**, with strong emphasis on **UI polish, animation, and frontend architecture**.

You are required to create a landing page for **Peroxia Technologies** that reflects a clean, premium, and visually appealing product-company aesthetic.

Core Requirements

1. Tech Stack (Mandatory)

- Next.js (App Router preferred)
 - React
 - Tailwind CSS (or equivalent utility-first styling)
 - Framer Motion
 - GSAP
 - Lucide React (for icons)
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2. Sections to Include

Your landing page must include at minimum:

- Hero Section (value proposition + CTA)
- About / Company Overview
- Services / Solutions
- Features / Why Choose Us
- Testimonials or Social Proof
- CTA Section
- Footer

You may add additional sections if relevant.

3. Design Expectations

- Clean, modern, premium aesthetic
- Strong typography hierarchy
- Consistent spacing and layout grid
- Responsive across mobile, tablet, desktop
- Attention to micro-interactions
- No template-looking UI

Design quality is heavily evaluated.

4. Animation Requirements (Mandatory)

You must implement **at least 5–6 meaningful animations** using a mix of **Framer Motion** and **GSAP**.

Examples (not limited to):

- Hero entrance animation
- Scroll reveal sections
- Staggered text/element animation
- Smooth hover interactions
- CTA micro-interaction
- Parallax / motion effects
- Loading / page transition animation

Animations should feel intentional and production-quality, not decorative noise.

5. Lucide React Usage

- Use Lucide React for icons across the UI
 - Icons should integrate naturally with the design system
 - Avoid excessive icon usage
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Evaluation Criteria

We will evaluate:

- UI/UX quality
- Animation quality & restraint
- Code structure and component architecture
- Responsiveness
- Performance awareness
- Accessibility basics

- Design taste
 - Production readiness
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Submission Requirements

Provide:

1. GitHub repository
 2. Live deployed link (Vercel preferred)
 3. README including:
 - Approach & design decisions
 - Animation decisions
 - Tech choices
 - Tradeoffs / improvements if more time
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Constraints

- Do not use full UI templates
 - Component libraries allowed but must not dominate UI
 - Focus on craftsmanship, not quantity
 - Code should be readable and well structured
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Timeline

Expected completion time: **48–72 hours**

Note

We are not evaluating pixel-perfect branding accuracy.

We are evaluating your **frontend thinking, motion sense, and production quality**.

Peroxia Technology

Frontend Engineering Evaluation