
Candidate Skill Test Instructions

(For Part-Time Internship at Maheshwari Electrical Agency)

General Information:

- **Start Date:** 15th May 2025
 - **Internship Duration:** 3 months
 - **Apply By:** 7th May 2025
 - **Location:** Hybrid (Bengaluru-based candidates preferred)
 - **Stipend:** ₹10,000–25,000/month
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Instructions:

- Please complete **only the test for the role** you are applying to.
 - **Submit within 48 hours** of receiving the assignment.
 - Submit your code in a **Google Drive folder** or **GitHub repository** (share the link).
 - Include a short **README** explaining:
 - How to run your project
 - Any assumptions made
 - Challenges faced (if any)
 - Use only **JavaScript** or **TypeScript**.
 - Code must be **original** and **written by you** (no AI-generated submissions).
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Assignments by Role:

1. Web Scraper (Apify + Playwright)

Task:

- Scrape product details (name, price, rating) from any one category of an e-commerce site (like Amazon or Flipkart) using **Playwright** on **Apify.com**.
- Support at least 1 level of pagination.
- Deploy the code as an **Apify actor**.
- Output data in JSON format.

Deliverables:

- Apify actor link or zipped project folder
 - Output sample (JSON file)
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2. Remix + React Developer (Shopify Customization)

Task:

- Create a **Remix app** that simulates a **Shopify storefront**.
- Add a new feature: **“Save for Later”** or **“Wishlist”** for products.
- Create a separate route (`/wishlist`) to display saved products.
- (You can use dummy products if you don't have real Shopify API access.)

Deliverables:

- GitHub repo or zipped code folder
 - Link to a short video (optional, max 2 mins) showing the app running
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3. AI Function Calling Developer

Task:

- Build a small **Node.js** or **Next.js** app.
- Create an endpoint `/ask-ai` which:
 - Simulates or makes a real AI API call (like summarizing a text)
 - Returns a response JSON.
- Bonus: Chain two AI functions (e.g., Summarize → Translate).

Deliverables:

- GitHub repo or zipped code folder
 - Brief README describing the AI functions you simulated/called
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Evaluation Criteria:

- Code quality and organization
 - Clear understanding of the tools and framework
 - Ability to follow instructions and complete the task
 - Clean UI/UX for frontend tasks
 - Good handling of API or data workflows
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