

Greetings from Aurastha!

Thank you for applying for the **Web Developer** position at Aurastha. Below are the assignment tasks designed to evaluate your skills and knowledge. Please ensure to complete all the tasks to the best of your ability. We look forward to seeing your creative and technical approach.

Assignment Questions for Web Developer Position

1. App Development

Task: Develop a basic web application using any technology of your choice (e.g., React, Angular, or plain JavaScript).

Requirements:

- Include a registration and login system.
- Provide a simple dashboard where the logged-in user can update their profile details.
- Ensure the ability to save data locally or to a database.

2. Login Credential Creation

Task: Create a secure login and registration system using HTML, CSS, JavaScript, and PHP or Node.js.

Requirements:

- User input validation.
- Password hashing for secure storage.
- Error handling for incorrect login attempts.

3. HTML Website Development

Task: Build a responsive HTML website with at least three pages.

Requirements:

- Pages: Home, About Us, and Contact Us.
- Include interactive elements like a carousel or modal.
- Ensure the site is mobile-friendly.

4. Tool Integration

Task: Integrate a third-party tool into a basic web project.

Options:

- Add a Google Maps API to display a location.
- Integrate a payment gateway (e.g., Stripe or PayPal) into a sample e-commerce page.

5. Template Creation

Task: Design an HTML template for a company's landing page.

Requirements:

- Include a header, navigation bar, and footer.
- Provide space for a hero image and a call-to-action button.
- Create sections for testimonials and a subscription form.

6. Website from Scratch

Task: Build a single-page website from scratch without using frameworks.

Requirements:

- Use semantic HTML5 tags.
- Include CSS animations.
- Add a contact form that sends data using plain JavaScript.

7. SEO Knowledge

Task: Optimize a sample webpage for SEO.

Requirements:

- Add meta tags, including title and description.
- Include schema markup.
- Use proper heading structure (H1, H2, etc.).
- Optimize for keywords provided (e.g., "Digital Marketing Services").

We look forward to receiving your completed assignments. If you have any questions or need clarifications, feel free to reach out to us.

**Best regards,
Aurastha Team**

