

NUEXUS

# WEB DEV INTERNSHIP

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## Summer Internship Program

**INTERN WEEKLY TASKS**  
WEEK 1



2024

# GENERAL INSTRUCTIONS

At **NUEXUS**, our **core values** are the guiding principles that shape our actions and define our commitment to **excellence**.



**Be Dedicated** Approach this internship with a professional and serious mindset. Treat this opportunity as you would a full-time job. Your commitment and dedication are crucial to your success and the overall effectiveness of the program.



**Upload Tasks on LinkedIn:** You are required to upload all completed tasks and projects to your LinkedIn profile. This not only showcases your work but also helps in building your professional portfolio.



**Tag NUEXUS:** When uploading your tasks, ensure you tag **NUEXUS** in your posts using our username **@neuxus**. This helps us keep track of your progress and provides visibility to your work within our network. Use the hashtag **#NuexusWebInternship** in all your posts.



**Completion of Tasks:** Throughout the internship, you will be assigned various tasks. Completing these tasks is essential as they build the foundation for your final project.



**Final Project Assignment:** At the end of the internship, you will be given a final project that will encompass all the skills and knowledge you have gained. This project is a critical part of your internship and will be used to assess your overall performance.



**Confidentiality** is paramount in our dealings, safeguarding your data and information with the utmost care.

- We pride ourselves on **Keeping and Fulfilling Commitments**, ensuring that every promise we make during this internship is delivered upon.
- **These values are the foundation of our internship program** and the promise we extend to every intern we mentor.



# WEEK 01

# FRONT END DEVELOPER

## Week 1 Task: Create a Restaurant Landing Page

### Objective:

In this task, you will create a responsive landing page for a fictional restaurant, using the attached design mockup as a reference. Your goal is to replicate the design as closely as possible while ensuring that the webpage is fully responsive.

### Requirements:

**HTML Structure:** Create the basic structure of the webpage using semantic HTML tags.

### Include sections for:

#### Header:

Contains the logo, navigation menu (Home, Product, Promo, About, Contact), along with a Sign Up and Login button on the top right.

#### Hero Section:

A banner image with the restaurant title, description, and a prominent call-to-action (Order Now button).

**Best Seller Section:** Showcasing three featured dishes with images, names, and brief descriptions.

#### Special Section (Oriental Taste):

Highlight a special dish with an image and call-to-action button.

## **Statistics Section:**

Display restaurant statistics (e.g., 123 outlets, 100 chefs, 300 menus, 30 countries).

## **Subscription Section:**

Include a subscription form for users to enter their email and subscribe.

## **Footer:**

Include links to pages such as About, Services, and Contact, and social media icons.

## **Styling (CSS):**

Use CSS (preferably an external stylesheet) to style the page as closely as possible to the provided mockup.

## **Use modern design principles, including:**

### **Color scheme:**

Dark background with yellow highlights for text and buttons.

### **Font styling:**

Use Google Fonts or similar for typography to match the design (you can use fonts like Poppins or Lato).

### **Button Styling:**

Yellow buttons with a hover effect (color change or slight shadow).

### **Layout:**

- Flexbox or CSS Grid for responsive and neat alignment of content.
- Ensure the webpage is responsive for both desktop and mobile views.

### **Images:**

- Use placeholder images (you can download royalty-free food images from sites like Unsplash or Pixabay).
- Ensure the images are optimized for fast loading (use the correct size and format).

### **Navigation:**

- The navigation bar should be sticky and stay at the top when scrolling.
- Add smooth scrolling for internal links (if you create additional sections or links to different parts of the page).

## **Responsiveness:**

- Use media queries to ensure the page is responsive across different devices (desktop, tablet, and mobile).
- Test the page on different screen sizes to ensure the layout adjusts accordingly.

## **Additional Requirements:**

Add Sign Up and Login buttons in the top right corner of the header, aligned with the navigation menu.

## **Framework and Platform Options:**

- If preferred, developers can use React as the front-end framework to build the landing page.
- For those interested, the landing page can also be built using WordPress, with the design replicated in the form of a WordPress theme.

## **Deliverables:**

- HTML, CSS, and (if applicable) JavaScript files that replicate the design from the provided image.
- If using React or WordPress, submit the relevant files (React components, or a custom WordPress theme).
- Ensure the design is responsive on all devices (desktop, tablet, and mobile).
- Submit your work via a GitHub repository with clear commit messages explaining your progress.

## **Post-Completion:**

After completing the task, create a GitHub repository and upload your project files.

Share your experience and the work you've done in a LinkedIn post, including a link to your GitHub repository to showcase your work to potential employers or peers.

## **Bonus Tasks:**

Use CSS animations to enhance the user experience (e.g., hover effects on buttons, fade-ins on images).

Integrate a simple JavaScript feature to enhance interactivity (e.g., a pop-up modal for the subscription form).

## **Submission Deadline:**

**Please submit your completed task by the end of the week  
(Date: 15/09/2024).**

# WEEK 01

# BACK END DEVELOPER

## Backend Task: Connect Signup/Login with Database & Create a Dashboard

### Objective:

In this task, the backend intern will create a dashboard and connect the frontend's signup and login functionality to the backend. The goal is to store user details in a database when they sign up, and allow users to log in using their credentials.

### Requirements:

#### Database:

Set up a database to store user information, including:

- Username
- Email
- Password (ensure it is hashed for security purposes)
- Any additional user details (e.g., signup date)

You can use a database like MySQL, MongoDB, or any other database system that fits with the backend framework you're using.

#### Backend Framework:

You can use any backend framework you're familiar with:

- Laravel (PHP)
- Node.js
- React
- Native
- MongoDB (for database)
- Any other backend technology you prefer

#### Functionality:

##### Signup Feature:

Connect the frontend Signup form to the backend.

When a user submits the form, their information should be validated and saved to the database.

Hash the user's password before storing it in the database for security. Send a success/failure message back to the frontend.

## **Login Feature:**

- Implement the Login functionality.
- When a user submits the login form, check the entered credentials (email and password) against the database records.
- If the login is successful, redirect the user to the dashboard.
- If the login fails, show an error message on the frontend.

## **Dashboard:**

- Create a basic dashboard where users are redirected after logging in.
- The dashboard can include a welcome message and an overview of their account details (e.g., username, email).
- The dashboard should be accessible only after a successful login. Use sessions or JWT (JSON Web Tokens) for authentication management.

## **Session Management / JWT:**

- Ensure that sessions or tokens are used to maintain user authentication across the platform.
- If a user is not logged in, they should be redirected to the login page when trying to access protected routes like the dashboard.
- Ensure that sessions or tokens are used to maintain user authentication across the platform.
- If a user is not logged in, they should be redirected to the login page when trying to access protected routes like the dashboard.

## **Bonus Task:**

Implement email verification: After the user signs up, send an email with a link to verify their account.

## **Deliverables:**

- The backend code that connects the signup/login functionality to the database.
- The dashboard that users are redirected to after logging in.
- Ensure user details (including hashed passwords) are securely stored in the database.
- Submit your work via a GitHub repository with clear commit messages explaining your progress.

## **Submission Deadline:**

**Please submit your completed task by the end of the week  
(Date: 15/09/2024).**

# Thank you

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## Social Links

Social Links Linkedin: <https://www.linkedin.com/company/nuexus>

Discord: <https://discord.gg/PcA6vtZjfw>

Facebook: <https://www.facebook.com/nuexus>

Telegram: <https://t.me/nuexus>

Insta: <https://www.instagram.com/nuexustech/>

Youtube: <https://www.youtube.com/@Nuexus>

Tiktok: <https://www.tiktok.com/@nuexus>

Google Business: <https://maps.app.goo.gl/A1wjtMCpdAp87Gnq8>

Pinterest: <https://www.pinterest.com/nuexustech/>

Whatsapp Channel: <https://whatsapp.com/channel/0029Vai0mN6EgGfG6Cvbz50k>

Github: <https://github.com/nuexus>

Medium: <https://medium.com/@nuexustech>