**Index.html**

**🌐 Section-by-Section Breakdown of Your Website**

**1. Head Section**

* Loads fonts, CSS, and JavaScript.
* Defines page metadata (title, description, viewport for mobile).

👉 Think of it as the **control room** that sets up the page before anything is shown.

**2. Announcement Bar**

* A slim banner at the very top with a message like *“Visit us in London…”*
* Has a "Register now" link and a close (×) button.

👉 Like a **sticky note** at the top of your site to highlight news or promotions.

**3. Navigation (Header)**

* Contains the site **logo** + **menu** (Products, Solutions, ROI, Customers, Insights, Pricing, Login, Start Free, Talk to Us).
* Includes a **hamburger menu button** for mobile.

👉 This is the **site map** your visitors use to move around.

**4. Hero Section**

* Big headline: *“Personalized digital experiences in real time.”*
* CTA buttons: *See the platform* + *See case studies*.
* Visual cards on the side (features like APIs, Edge CDN).
* Brand logos (EA, ASICS, Lego, BMW, etc.).

👉 This is the **first impression** — like a billboard telling users what your product is.

**5. Features Section**

* Title: *“Flexibility to do what you need.”*
* Describes features like **Headless CMS, Visual Editor, Automation, Security, etc.**
* Ends with a link: *“Explore the platform →”*

👉 This is your **features showcase**, answering “What can it do?”

**6. ROI Section**

* Title: *“Driving real-world ROI.”*
* Shows KPIs (230% faster publishing, 70% dev cycle reduction, etc.).

👉 This is your **proof section** — real numbers that prove value.

**7. Solutions Section**

* Tailored content for **Digital leaders, Developers & IT, and Business users.**
* Users can click tabs to switch between audiences.

👉 Think of this as **personalized messaging** — different roles, different benefits.

**8. Customer Stories (Case Studies)**

* Cards highlighting Burberry, Dean Foods, BIGSEL.
* Each has an image, title, description, and a “Read more” link.

👉 **Social proof** — showing big brands that already trust your product.

**9. Reports / Experts Section**

* Analyst/industry reports from Forrester, Gartner, IDC, etc.
* Each card has a title, description, and download link.

👉 Adds **authority and credibility** — experts back your platform.

**10. Insights / Blog**

* Blog cards like *“10 pro tips for AI agents”*, *“Why devs love composable CMS”*.
* Each has an image, headline, and link.

👉 Keeps your site **fresh with new content**, helping SEO and thought leadership.

**11. Big Call-to-Action Banner**

* Headline: *“Are you ready to reimagine possible?”*
* Buttons: *Let’s talk* and *Start building.*

👉 This is the **conversion push** — turning interest into action.

**12. Footer**

* Brand info + social icons (X, LinkedIn, YouTube, GitHub).
* Quick links (Products, Solutions, Customers, Insights).
* Popular pages (Pricing, Docs, Security, Status).
* Company links (About, Careers, Contact).
* Legal links (Privacy, Terms, Cookie policy).

👉 The **sitemap + contact info** at the bottom. Always present on every page.

**Login.html**

**🌐 Section-by-Section Breakdown of Login.html**

**1. Head Section**

* Declares HTML5 with <!DOCTYPE html>.
* Metadata: character encoding (UTF-8), viewport (mobile responsive).
* Title: *Account Log In – ContentSphere*.
* Loads Google Fonts (Inter), your stylesheet (assets/styles.css), and JavaScript (assets/script.js).

👉 This sets up fonts, styles, and scripts before the page shows anything.

**2. Announcement Bar**

<div class="announcement">...</div>

* Displays a top banner: *“Join us in London for ContentCon Europe ’25!”*
* Includes a *Register now* button styled as a pill.

👉 Like a sticky news flash at the top of the login page.

**3. Navigation (Header)**

<header class="nav" id="nav">...</header>

* Shows the brand **CONTENTSTACK** with logo cube.
* Menu with links: Products, Solutions, ROI, Customers, Insights, Pricing, Login, Start Free, Talk to Us.
* Includes a hamburger button for mobile menu.

👉 Same style as your main site header for consistency.

**4. Breadcrumb**

<div class="wrap crumbs">Home / Login</div>

* A small **breadcrumb trail**: shows where the user is (*Home > Login*).

👉 Helps users understand navigation hierarchy.

**5. Title & Helper Text**

<section class="wrap title">...</section>

* Heading: *Account Log in*.
* Helper text: tells users to select their region (North America, Europe, Australia).

👉 Provides context before the login form.

**6. Login Card**

<section class="wrap login">...</section>

* A **card** with form-like UI:
  + **Region dropdown**: user chooses server region (NA, EU, AU).
  + **Provider buttons**: AWS, Azure, GCP (with logos).
  + A link: *Not a user yet? Request a demo →*.

👉 Instead of entering username/password directly, users pick their cloud + region to proceed.

**7. Footer**

<footer class="site-footer">...</footer>

* Grid layout:
  + Brand info (*ContentSphere* + tagline).
  + Quick links (Platform, Why ContentSphere, Resources, etc.).
  + Popular links (Developers, Docs, Careers, Support, etc.).
  + Social icons (LinkedIn, X, YouTube, GitHub, Slack).
* Footer meta: copyright + legal links.

👉 Consistent footer across all site pages.

**8. Toast**

<div class="toast" role="status" aria-live="polite" aria-atomic="true" hidden></div>

* Hidden by default.
* Can be used by JavaScript to show small popup messages (e.g., “Login successful” or “Error”).
* Accessibility-friendly with role="status" and ARIA attributes.

👉 This is a **notification system** placeholder.

**script.js**

**⚡ Section-by-Section Breakdown of script.js**

**1. General Notes**

* It’s **vanilla JS** (no frameworks like React or jQuery).
* Organized in **two self-running functions** (called *IIFEs* → Immediately Invoked Function Expressions).
* Each function is isolated so variables don’t “leak” into global scope.

**2. First Function → Site UI Enhancements**

(function(){

const nav = document.getElementById('nav');

const annc = document.querySelector('.announcement');

const close = document.querySelector('.close-annc');

const menu = document.querySelector('.menu');

const toggle = document.querySelector('.menu-toggle');

const btns = document.querySelectorAll('.aud-btn');

const panes = document.querySelectorAll('.pane');

👉 This collects references to important elements:

* nav → navigation bar.
* annc → announcement banner.
* close → close button on the announcement.
* menu + toggle → the navigation menu and its mobile toggle button.
* btns (audience buttons) + panes (audience content panels).

**Sticky Shadow on Scroll**

const onScroll = () => {

if(window.scrollY > 6) nav.classList.add('scrolled');

else nav.classList.remove('scrolled');

};

onScroll();

window.addEventListener('scroll', onScroll);

👉 Adds/removes a CSS class .scrolled when the page is scrolled slightly.  
This is often used to add a **shadow** under the nav bar.

**Announcement Dismiss**

close?.addEventListener('click', () => {

annc.style.display = 'none';

});

👉 If a close button exists, clicking it hides the announcement bar.  
The ?. (optional chaining) ensures this only runs if the element exists.

**Mobile Menu Toggle**

toggle?.addEventListener('click', () => {

menu.classList.toggle('open');

});

👉 Clicking the hamburger button opens/closes the mobile menu by toggling the .open class.

**Audience Tabs**

btns.forEach(btn => {

btn.addEventListener('click', () => {

btns.forEach(b => b.classList.remove('active'));

btn.classList.add('active');

panes.forEach(p => p.classList.remove('show'));

const pane = document.getElementById(btn.dataset.pane);

pane?.classList.add('show');

});

});

})();

👉 Handles the **Solutions section** tabs:

* Removes active class from all buttons, adds it to the clicked one.
* Hides all content panes, shows the one that matches the button’s data-pane value.

**3. Second Function → Login Page Enhancements**

(function(){

const toast = document.querySelector('.toast');

const providers = document.querySelectorAll('.provider');

const regionSel = document.getElementById('region');

👉 Grabs:

* toast → hidden notification box.
* providers → login provider buttons (AWS, Azure, GCP).
* regionSel → the dropdown for selecting region (NA, EU, AU).

**Toast Helper Function**

function showToast(text){

toast.textContent = text;

toast.hidden = false;

setTimeout(()=> toast.hidden = true, 2200);

}

👉 Displays a temporary notification (toast message) for 2.2 seconds.

**Provider Button Click**

providers.forEach(btn => {

btn.addEventListener('click', () => {

const cloud = btn.dataset.cloud;

const region = regionSel.options[regionSel.selectedIndex].text;

showToast(`Redirecting to ${cloud.toUpperCase()} in ${region}…`);

});

});

})();

👉 When a provider button (AWS/Azure/GCP) is clicked:

* Gets which cloud (data-cloud).
* Gets the selected region from dropdown.
* Shows a toast message like:  
  *“Redirecting to AWS in North America…”*

👉 In a real app, this would redirect the user. For now, it just shows a friendly demo message.

**styles.css**

**Section-by-Section Breakdown of styles.css**

**1. Variables (:root)**

:root {

--bg:#0a0a0f;

--accent:#6d6cff;

--accent-2:#8a45ff;

--accent-3:#00d4ff;

--white:#ffffff;

--shadow: 0 10px 25px rgba(14,17,22,.08);

--radius: 16px;

}

👉 These are **CSS variables**.  
They define colors, shadows, and radii you can reuse across the site. Example: var(--accent) gives the indigo color.

**2. Global Resets**

\*{box-sizing:border-box}

html,body{height:100%}

body{font-family: Inter, ...; color:var(--text); margin:0; background:#fbfcff; line-height:1.55;}

👉 Standardizes sizing (box-sizing), removes margins, sets fonts, colors, and background.

**3. Layout Wrapper**

.wrap {

width:min(1120px, 92vw);

margin-inline:auto;

}

👉 Centers content and limits max width (responsive design).

**4. Announcement Bar**

.announcement{background:linear-gradient(90deg, var(--accent), var(--accent-2)); color:#fff; font-weight:600;}

.close-annc{background:transparent; border:0; color:#fff; cursor:pointer;}

👉 Top banner styling: gradient background, white text, close button with hover effect.

**5. Navigation Bar**

.nav{position:sticky; top:0; background:#fff; transition:box-shadow .25s ease;}

.nav.scrolled{box-shadow:0 6px 24px rgba(0,0,0,.08);}

.menu-list{display:flex; gap:18px; list-style:none;}

.cta{background:linear-gradient(...); color:#fff; border-radius:999px;}

👉 Sticky header with shadow when scrolling, menu items, and styled buttons (CTA = Call to Action).

**6. Hero Section**

.hero{position:relative; padding:6rem 0;}

.bg-angled{position:absolute; transform:skewY(-10deg);}

.hero-grid{display:grid; grid-template-columns:1.1fr .9fr;}

.hero-copy h1{font-size: clamp(28px, 56px); font-weight:900;}

👉 Big headline section with skewed background, responsive grid, and text + visuals side by side.

**7. Logos Strip**

.logos{display:grid; grid-template-columns: repeat(9, 1fr);}

.logo{border:1px solid #eef1f8; border-radius:12px; text-align:center;}

👉 Grid of brand logos in styled boxes.

**8. Features Section**

.features{background:#0d1220; color:#cbd5e1; padding:4.5rem 0;}

.tiles{display:grid; grid-template-columns: repeat(6, 1fr);}

.tile{background:rgba(255,255,255,.06); border-radius:14px; padding:16px;}

👉 Dark background section with feature tiles styled as cards.

**9. ROI Section**

.kpis{display:grid; grid-template-columns: repeat(4, 1fr);}

.kpis li{background:#fff; border-radius:14px; padding:24px; box-shadow:var(--shadow);}

👉 KPI cards (stats) styled as white boxes in a grid.

**10. Solutions Section**

.audience{display:flex; gap:10px;}

.aud-btn.active{background:linear-gradient(...); color:#fff;}

.pane{display:none; border-radius:16px; padding:18px;}

.pane.show{display:block;}

👉 Tab buttons + panels. Only the active pane is shown.

**11. Stories (Case Studies)**

.cards{display:grid; grid-template-columns: repeat(3, 1fr);}

.card{background:#fff; border-radius:16px; overflow:hidden;}

.card img{width:100%; height:180px; object-fit:cover;}

👉 Customer story cards with image + text inside.

**12. Reports / Experts**

.report-cards{display:grid; grid-template-columns: repeat(3, 1fr);}

.report{background:linear-gradient(...); border-radius:16px; padding:18px;}

👉 Analyst report boxes styled consistently.

**13. Insights / Blog**

.blog{display:grid; grid-template-columns: repeat(3, 1fr);}

.post{background:#fff; border-radius:16px; box-shadow:var(--shadow);}

👉 Blog post cards with image, title, and link.

**14. CTA Banner**

.banner{background:linear-gradient(...); color:#fff; border-radius:24px; padding:40px; text-align:center;}

👉 Big colored section at bottom encouraging conversion.

**15. Footer**

.site-footer{background:#0d1220; color:#b9c6dd;}

.foot-grid{display:grid; grid-template-columns: 1.2fr repeat(3, 1fr);}

.socials a{border:1px solid rgba(255,255,255,.18); border-radius:50%; color:#fff;}

👉 Dark footer with grid columns, links, and social icons.

**16. Utilities**

.center{display:flex; justify-content:center; align-items:center;}

👉 Helper class for centering.

**17. Responsive Rules**

@media (max-width: 980px){ ... }

@media (max-width: 640px){ ... }

👉 Makes layout adapt on tablets/mobiles:

* Collapses grids.
* Turns nav into a hamburger menu.
* Adjusts logos grid.