PROMT :

You are an expert full-stack web developer and UI/UX engineer. I already have a complete Smart Career Advisor project (HTML, CSS, JS, backend). DO NOT redesign or rewrite the whole project. Keep the existing layout, pages, styles and functions exactly as they are. Only update and fix the specific items described below.

Context: Project uses Poppins font site-wide. Keep that. Use minimal animations only (small fade/slide/scale). Priority: make the UI polished, responsive, accessible and real-world stable (avatar uploads, theme persistence, modals centered, etc.). Follow modern best practices but do NOT change page structure or remove features not mentioned here. Reference style inspiration: https://cyberpulse-tau.vercel.app/

--- REQUIRED CHANGES & FIXES (implement exactly) ---

1) Header (all pages)
- Left: Logo SVG (minimal, professional) + text "Smart Career Advisor".
- Center: navigation links in one horizontal line, perfectly centered: Home, Dashboard, Resume Analyzer, About Us.
- Right: Search icon and Settings icon. Icons should be clean SVGs matching brand.
- Visibility rules:
  - Home: visible before & after login.
  - Dashboard: visible before login (still shown in nav), but clicking it BEFORE login must open the **login popup** (modal) with message "Please login to access Dashboard" — do NOT navigate or expose dashboard content. After login it navigates to dashboard normally.
  - Resume Analyzer & About Us: visible before & after login.
- Ensure header is fully responsive (desktop / tablet / mobile). Center nav must remain centered even when right section changes width.

2) Search popup (all pages)
- Replace current search UI with a centered modal overlay:
  - Semi-transparent backdrop, centered card with small title "Search", input, close icon.
  - Minimal animation (fade + slight scale).
  - Good spacing between title, input and controls.
  - Search is frontend-only for now (can console.log query); UI must be ready for backend wiring.
- Search icon in header opens this modal. Close icon or backdrop closes it.

3) Settings popup & behavior (all pages)
- Settings icon opens a popover/modal with background blur.
- Greeting text:

- If logged in: "Hello, {username}".
  - If not logged in: "Hello, Guest".
- Rename "Sign Up" to **"Create Account"** everywhere in the settings flows/buttons.
- Theme controls:
  - Provide three options (radio or segmented control): Light Mode, Dark Mode, System Default.
  - Implement full theme switching across the site (body, header, cards, modals).
  - Persist selection in `localStorage` (key e.g., `sca-theme`).
  - System Default must respect `prefers-color-scheme` and update if system changes.
  - Prioritize and polish Dark Mode visuals (dark surfaces, readable text, subtle card shadows).
- Logged-in profile card in Settings:
  - If user logged in, show a small profile card inside the settings popover (or accessible by click) with avatar, username and email.
  - The profile card should open as a small popup / card on click or hover, with background blur behind the settings popover.
  - If user hasn't uploaded avatar, show a circular placeholder with the first letter of username (brand-colored background).
  - Username must display correctly from current user data — fix any bug causing it to show blank.

4) Footer presence (all pages)
- Add/enable a site footer on every page (consistent style).
- Footer must contain minimal items: copyright, "About Us" anchor (links to About Us page), "Terms & Conditions" anchor (link to about#terms).
- Ensure footer is responsive and not overlapping content.

5) Home page
- No functional changes required beyond ensuring footer exists and content appears correctly. Validate layout and responsiveness.

6) Dashboard (preserve overall design, only fix listed parts)
- Keep current Dashboard layout and resume upload block exactly as-is visually.
- Profile greeting: replace "Welcome user" with "Welcome, {username}" using logged-in username.
- Edit Profile:
  - Provide an Edit Profile flow (modal or inline) for fields: name, initial, phone number, date of birth, and up to 5 skills (tag input or comma separated).
  - Save profile data via existing backend or localStorage consistent with current implementation (do not change auth).
  - Persist and reload profile data on page refresh.

- Avatar upload:
  - Accept JPG, PNG, WebP from desktop and mobile (including iPhone Safari).
  - Fix the "token invalid" bug or any upload error preventing persistence: ensure correct server endpoint, CSRF/session token handling, and response contains saved avatar path. After upload, avatar must update immediately in UI and persist after reload.
  - Store avatar filenames/URLs so they persist across sessions.
  - If no avatar, show first-letter placeholder.
- Resume upload preview:
  - When user uploads a resume in Dashboard, show a preview **image or thumbnail** of the resume file immediately in the upload block (if a PDF show first page preview if possible, else show a generic resume file thumbnail with filename).
  - Still run extraction in background as current flow does, but UI should always show a preview.
- Notification center (dashboard-only):
  - Add a bell icon with a dropdown showing simple notifications (Profile updated, Resume uploaded, Career predicted, etc.).
  - Show unread badge count.
  - Notifications stored/retrieved via existing backend or localStorage consistent with current implementation.

7) Resume Analyzer (rework to tabbed step flow inside same page)
- Implement a 3-step tab/session interface within the Resume Analyzer page (same location, no new pages):
  - Step 1 – Upload resume (file input). If resume uploaded, show preview (same as dashboard).
  - Step 2 – NLP skills extraction: run extraction and show extracted skills in UI with spacing and tags. User can edit/remove extracted skills.
  - Step 3 – Prediction:
    - Run both SVM and Random Forest models and show results from BOTH.
    - Show:
      1. Best predicted role (choose best by model score) — highlight.
      2. Top 3 roles (ranked) from the chosen approach (ensemble or based on confidence).
      3. A comparison panel: allow user to enter/customize a "Job role" text box and click "Check fit" — app analyzes how well the resume matches that role (use similarity score from TF-IDF or simple heuristic) and show explanation text (fit / partial / not fit).
  - Use the dataset to produce predictions. If dataset enhancement is needed, include a clear comment in backend code where to extend dataset and retrain.
- Keep UI for tabs in same page and provide "Next"/"Back" controls and keyboard accessibility.
- Footer required for Resume Analyzer too.

8) About page (tabbed left navigation)
- Left column (25%): vertical tab list:
  - About Me
  - About Project
  - Learning Platform (tools/courses)
  - Terms & Conditions (anchor id: #terms)
- Right column (75%): content panel shows selected tab content.
  - About Me: present a card with avatar on left + info on right (example fields: Name, Role, College, Focus). Use clean layout and spacing.
  - About Project, Learning Platform, Terms & Conditions: provide well-written paragraphs (use the content from the attached report or create meaningful placeholder text).
- Tabs must be keyboard-accessible and work responsively (mobile: stack). Footer required.

9) Header responsive & site-wide checks
- Ensure header/nav/search/settings/footer all work correctly on mobile, tablet, desktop.
- Center nav remains centered; on small screens use a hamburger if needed but keep links accessible and ensure Dashboard click-before-login behavior still triggers login modal.

10) Theme & animations
- Theme toggle (Light/Dark/System) must be implemented site-wide. Persist choice in localStorage.
- Dark mode must be visually polished.
- Use only minimal animations across the site — subtle fades, small slide or scale; no heavy visual effects.

11) Login & Create Account modals
- Center these modals perfectly on every device.
- Add spacing and padding between headings, input fields and buttons.
- Fields:
  - Login: email, password.
  - Create Account: username, email, password, confirm password, Terms & Conditions checkbox.
  - The Terms & Conditions link must scroll/navigate to About page #terms.
- Validate forms (required fields, password match). Show inline error messages.
- Do not change backend auth logic — modals should POST to existing endpoints.

12) Floating AI Assistant (global)
- Add a small branded floating assistant button at bottom-left.
- On click open a small chat panel (title, message area, input, send).
- Stub responses (no real AI required) but UI must be fully functional and smooth.
- Minimal slide/scale animation only.

13) Misc & bugfixes

- Ensure username appears everywhere (settings, header profile, dashboard greeting) after login — fix bugs that cause blank username.
- Ensure avatar placeholder uses first letter when avatar missing.
- Ensure file uploads (avatar, resume) work cross-platform (desktop, mobile, iPhone). Use correct `accept` attributes and server handling.
- Apply consistent spacing and padding to all popups/modals so no element is "stuck to edges".
- Ensure all pages include footer and are visually consistent.

--- ACCEPTANCE TESTS (must pass all) ---

Perform these as a real user and confirm behavior:

1. Create Account → Login → Open Settings → See "Hello, {username}" and profile card with avatar/initials and email.
2. Open Dashboard (after login) → See "Welcome, {username}".
3. Upload avatar on Dashboard → Avatar updates immediately and persists after refresh.
4. Edit profile (name, initial, phone, dob, skills) → Save → See "Profile updated" notification → Data persists after refresh.
5. Upload resume (Dashboard or Resume Analyzer) → Preview shown immediately → Extraction runs and shows skills in Resume Analyzer Step 2.
6. Resume Analyzer Step 3 → Run prediction → See both SVM and RandomForest outputs, top 3 roles, and "Check fit" comparison box working.
7. Notifications bell shows new notifications and unread badge.
8. Search icon opens centered search modal with spacing and close icon.
9. Settings theme toggles change theme site-wide and persist after refresh; System default respects OS setting.
10. Login modal opens when clicking Dashboard before login.
11. Floating AI assistant opens and closes; messages append and respond with stub reply.
12. Site header/nav and footer are present and responsive on mobile and tablet.

--- DELIVERABLES (what I expect you to return) ---

1. Updated front-end files (all changed HTML/CSS/JS) clearly marked.
2. Updated backend files/endpoints if needed (and a short explanation of any token/session fixes applied to avatar upload).
3. A small changelog describing modified files and why.
4. A short README with steps to run locally and how to run acceptance tests above.
5. If any behavior cannot be implemented without deeper backend refactor, list those items explicitly and propose minimal changes needed.

--- ADDITIONAL NOTES ---

- Keep code minimal, clean and well-commented where logic changed.
- Do NOT remove any existing pages or major features not mentioned above.
- Use existing auth/session flows; do not replace with a new authentication system.
- Use Poppins font and the site color palette already present; if you tweak palette, keep it subtle and consistent (prefer better dark mode contrast).
- Make UI accessible: focusable controls, aria labels on modals and icons.

Reference implementation inspiration: https://cyberpulse-tau.vercel.app/