



AUBREY BROOKE
PRODUCT DESIGNER

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Springfield, IL

PROFESSIONAL SUMMARY

I'm a Product Designer and Project Lead with an active High-Risk Public Trust (6C) clearance, focused on creating user-centered, accessible applications backed by solid research, data, and empathy. I use tools like Figma, Photoshop, and Illustrator, and work closely with developers using .NET, C#, Angular, and SQL. I build and manage scalable design systems and style sheets to keep things consistent and efficient. I thrive in cross-functional teams, helping bridge design and development to deliver smart, effective solutions across sectors like education, healthcare, defense, and marketing.

SKILLS

- **Product & UX Design:** User Research, Design Thinking, Information Architecture, Wireframing & Prototyping (Figma, FigJam, Adobe XD), Usability Testing, UI Design Principles, Interaction Design, Accessibility (WCAG 2 Series), Design Systems, Concept Development, Competitive Analysis, Data-Driven Design, Creative Direction, Illustration, Typography.
- **Technical Proficiency:** HTML, CSS (LESS, SASS, Bootstrap, USWDS), JavaScript (TypeScript, jQuery, Angular, Aurelia), C#, .NET (Core, MVC, Web Forms), SQL (SQL Server, MySQL, Entity Framework), RESTful API.
- **Tools & Platforms:** Figma, Photoshop, Illustrator, InDesign, After Effects, Premiere, Visual Studio, VS Code, Jira, Git, Bitbucket Pipelines, AWS, WordPress.
- **Methodologies:** Agile Software Development, Project Management, Team Leadership, Stakeholder Management, Strategic Planning.

WORK HISTORY

MANHATTAN STRATEGY GROUP

Freelance UX Design Specialist

6/2025–Present

- Serve as a UX design subject matter expert, actively contributing to upcoming initiatives through wireframing, prototyping, and playing a key role in proposal writing and development.

AGORA EDUCATION SERVICES

Freelance Web Designer

4/2025–Present

- Designed and launched a custom WordPress website tailored to client goals, featuring a clean, intuitive interface and efficient user flows
- Created a user-centered design system and wireframes to ensure visual consistency and usability across all pages
- Built interactive prototypes to refine layout and functionality, aligning design with client expectations
- Authored instructional guides and led training sessions for content editors, enabling efficient content management and reducing update turnaround time
- Provide ongoing site maintenance, including content updates, performance monitoring to ensure long-term usability and reliability

SANAMETRIX, INC.

Senior Web Designer/Developer

2/2012–2/2025

- **Promise Neighborhoods** (U.S. Department of Education): Drove improvements in product usability and accessibility through in-depth research and data synthesis; designed interactive maps and charts (amCharts) that notably increased site engagement. Streamlined data collection, transformation, and import processes, enhancing efficiency for new data sets.



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- **Regional Education Laboratories** (U.S. Department of Education): Spearheaded the creation and widespread adoption of an engaging, scalable design system and user interface across 6 of 10 regions, directly securing a long-term contract to consolidate 10 independently operated regional websites into a single, unified digital experience.
- **Education Demographic and Geographic Estimates** (U.S. Department of Education): Orchestrated the design of accessible and interactive user experiences for critical .NET, RESTful API applications (ACS-ED Dashboard, ACS-ED Tables); led a major infrastructure upgrade to .NET CORE 8, resulting in enhanced application performance and bolstered security.
- **Accuracy for Everyone Tool** (U.S. Department of Education): Designed and built pivotal components for a measures stabilization tool, collaborating closely with engineering on Angular 18 and .NET RESTful API integration, thereby supporting a critical federal initiative.
- **What Works Clearinghouse** (U.S. Department of Education): Championed the modernization of the UI for a complex data dissemination tool, unifying multiple databases into a single source of truth, substantially reducing data duplication and streamlining workflows.
- **What Will They Learn (ACTA)**: Transformed an underutilized, static site with poor UI into a dynamic, interactive, data-driven platform featuring engaging graphics and robust search tools, which led to a surge of new users and increased overall site traffic.

SYNERGY ENTERPRISES, INC.

Senior Web Designer/Developer

10/2008–2/2012

- Delivered impactful user-centered digital solutions across multiple federal government contracts (NIH, U.S. Department of Education, Justice, Energy), consistently ensuring accessible, responsive, and compliant products for millions of users.
- Guided a development team for the U.S. Department of Education's "You for Youth" (Y4Y) platform, which provides immersive distance learning environments and professional development resources to thousands of afterschool program providers nationwide.

KFORCE GOVERNMENT SOLUTIONS

Senior Web Designer

10/2006–10/2008

- Designed user interfaces for 6+ major sites encompassing the Institute of Education Sciences (IES), including playing a foundational role in creating and implementing the design for the highly visible NCES College Navigator website.
- Collaborated effectively with a team of IT professionals and coordinated with government contractors and clients to establish new site standards, significantly improving design consistency across multiple platforms.

EDUCATION AND CERTIFICATIONS

- **Google UX Design Professional Certificate** | Completed July 2025
- **Associate's in Visual Communications** | Art Institute of Philadelphia