

Amelia Carlie

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I'm a Senior UX/UI Engineer with a strong foundation in design and a background in web accessibility, passionate about building intuitive interfaces that work for everyone. I bridge design and engineering by collaborating with stakeholders, backend teams, and other frontend engineers to define requirements, shape user flows, and deliver pixel-perfect, developer-ready prototypes.

SKILLS

Javascript, TypeScript, React, React Hooks, Redux, Angular, HTML, CSS, SVG Animation, D3.js, Emotion CSS-in-JS, SCSS, Semantic HTML, Web Accessibility, UI/UX Design, Wireframing, Prototyping, Mobile-First Development/Design, Figma, Project Management, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe XD, Communication, Writing

EXPERIENCE

Senior UX/UI Engineer

Cymantix Inc - Contracted to Bluestaq LLC - Cary, NC | May 2025 - Present

- Updated the account application flow to capture all required information, reduce follow-up emails, and streamline the user experience.
- Refreshed landing page to establish a cohesive visual identity and strengthen brand presence.
- Developed features and user flows using Angular, SCSS, and Figma.
- Partnered with backend engineers to refine API requirements.
- Created reusable UI components to ensure consistency across the application.

Senior UX/UI Engineer

Cymantix Inc - Cary, NC | March 2023 - Present

- Refactored React applications to use TypeScript and modernized Redux implementation with RTK Query.
- Built and maintained a shared component library (Rollup.js, React, TypeScript, Emotion, Storybook) to ensure consistent UI/UX across multiple products. Managed and expanded the corresponding Figma component library.
- Planned, designed, and developed a Retrieval-Augmented Generation (RAG) feature with a subject matter expert, enabling users to query their files and receive LLM-generated answers based on retrieved relevant documents.
- Developed new features and flows, including interactive D3.js visualizations.
- Designed new features and delivered developer-ready prototypes.
- Reviewed pull requests with an added eye for UI/UX quality and accessibility.
- Led product meetings and coordinated sprint goals with engineering leads for the frontend team.
- Collaborated with backend engineers to define APIs and with stakeholders to shape requirements, user flows, and design priorities.
- Earned CompTIA Security+ Certification.

Frontend Developer

Horizon3.ai - Durham, NC | March 2022 - March 2023

- Developed React features and components in React using TypeScript, CSS3, HTML5, and GraphQL queries.
- Applied CSS expertise and web accessibility best practices to problem solve collaboratively with other developers.
- Coordinated frontend work between engineering and design teams to maintain alignment.
- Led backlog refinement sessions, wrote tasks and acceptance criteria, and prioritized work to meet business goals.
- Reviewed merge requests, with special attention to UX quality and functionality.

- Updated Figma designs in collaboration with senior UI/UX designer.

UI/UX Designer and Developer

Horizon3.ai - Durham, NC | Feb 2021 - March 2022

- Collaborated with stakeholders to gather feature requirements and present design concepts for feedback.
- Created wireframes, prototypes, and high-fidelity mockups in Figma based on defined requirements.
- Built and maintained component libraries in Figma and Adobe XD.
- Developed a flow chart visualization using the Cytoscape.js data visualization library.

Frontend Developer

Fidelity Investments - Durham, NC | Feb 2020 - Feb 2021

- Developed pixel-perfect UIs in Angular for handoff to development teams.
- Collaborated with UX developers to create an Angular project scaffold and designed/coded its landing page.
- Ensured compliance with web accessibility guidelines through manual keyboard and screen-reader testing (JAWS, NVDA, VoiceOver).

CERTIFICATIONS

- **CompTIA Security+ Certification** | May 30, 2023
Verification Code: HJ0VED95E2F4QLCP (<http://verify.CompTIA.org>)
Candidate ID: COMP001022287903

EDUCATION

- **University of North Carolina at Chapel Hill** | June 2019 - December 2019
Full Stack Web Development | Coding Certificate
- **Florida State University, Tallahassee FL** | May 2013
Bachelor of Fine Arts in Studio Art