

MICHAEL BEKELE Front-End Developer | UX/UI Developer

Work Authorization: US Citizen and Secret Clearance.

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PROFESSIONAL SUMMARY

User-centered UX/UI Designer and Front-End Developer with 5+ years creating intuitive, accessible digital experiences for government agencies and commercial clients. Google-certified UX Designer skilled in user research, wireframing, prototyping, and implementing responsive web applications. Proficient in modern JavaScript frameworks (React, Angular), design systems, and Agile methodologies. Experienced in human-centered design, usability testing, and developing WCAG 2.1/Section 508 compliant interfaces. Strong background in graphic design, branding, and visual design complemented by software engineering expertise. Proven ability to bridge design and development, collaborating with cross-functional teams to deliver pixel-perfect, high-performance solutions.

TECHNICAL SKILLS

- UX/UI Design: User Experience (UX) Design, User Interface (UI) Design, User-Centered Design, Design Thinking, User Research, Usability Testing, Wireframing, Prototyping, Information Architecture, Interaction Design, Visual Design, Graphic Design, Responsive Web Design, Mobile-First Design, Accessibility Design, Inclusive Design, High-Fidelity Mockups
- Design Tools: Figma, Adobe Creative Suite (Photoshop, Illustrator, XD, InDesign), Sketch, InVision, Zeplin, Miro, Storybook
- Front-End Development: HTML5, CSS3, JavaScript (ES6+), TypeScript, React, Angular, Vue.js, Single-Page Applications (SPA), Progressive Web Apps (PWA), RESTful APIs, GraphQL, JSON, AJAX, jQuery, Bootstrap, Material UI, Tailwind CSS, Sass/SCSS
- Web Standards & Performance: WCAG 2.1 Compliance, Section 508 Standards, ARIA, Semantic HTML, SEO Best Practices, Core Web Vitals, Performance Optimization, Lazy Loading, Code Splitting, Cross-Browser Compatibility, Google Lighthouse
- Development Tools & Practices: Git, GitHub, GitLab, Agile, Scrum, Kanban, SDLC, CI/CD, DevSecOps, Jira, Confluence, Azure DevOps, Docker, Unit Testing (Jest), End-to-End Testing, Version Control, Code Reviews
- Design Systems & Frameworks: U.S. Web Design System (USWDS), Design Systems, Component Libraries, Atomic Design, Style Guides, Reusable UI Components, Pattern Libraries, Brand Guidelines

- Cloud & Platforms: AWS (S3, CloudFront), Azure, Google Cloud Platform, SaaS Applications, Content Management Systems (WordPress, SharePoint), Headless CMS
 - Additional Skills: Python, SQL, Data Analysis, API Integration, Automated Content Workflows, AI Tools (ChatGPT, GitHub Copilot), Cross-Functional Team Collaboration, Stakeholder Communication, Project Management, Client Collaboration
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PROFESSIONAL EXPERIENCE

UX Developer (Contractor)

Abrocon LLC • Remote • February 2025 – Present

- Design and develop user-centric platforms and internal management systems for AI/ML training and operations, ensuring optimal usability, accessibility, and performance
- Implement responsive web design and modern JavaScript frameworks to create intuitive interfaces for data analytics and machine learning applications
- Collaborate with cross-functional teams including data scientists, ML engineers, and stakeholders to integrate AI solutions into user-friendly portals
- Apply user-centered design principles and conduct usability testing to enhance platform effectiveness for medical and technology sector clients
- Ensure WCAG 2.1 compliance and Section 508 standards across all developed interfaces
- Utilize Agile methodologies and participate in Scrum ceremonies to deliver iterative improvements

UX/UI Designer and Front-End Engineer

Emprata (FCC Auction Application System Modernization) • Remote • June 2023 – February 2025

- Led UX/UI design and front-end development for \$8.9M FCC auction platform modernization serving thousands of users nationwide
- Created wireframes and interactive prototypes in Figma, conducting user research with FCC staff and external bidders to inform design decisions
- Implemented Angular single-page application with TypeScript, integrating U.S. Web Design System (USWDS) components for federal compliance
- Developed responsive, accessible interfaces meeting WCAG 2.1 AA and Section 508 standards, improving user experience for participants with disabilities
- Built reusable UI components following atomic design principles, establishing design system for consistency across auction applications
- Collaborated in Agile/DevSecOps environment using Jira, Git, and AWS cloud infrastructure for scalable deployment

- Optimized front-end performance achieving improved Core Web Vitals scores through lazy loading and code splitting techniques
- Integrated front-end with RESTful APIs for real-time auction data and bidding functionality

Front-End Developer (Contractor)

ResolveSoft (CMS Training, Quality, and Content Project) • Remote • July 2022 – June 2023

- Developed automated content publishing workflows for Centers for Medicare & Medicaid Services (CMS) contact center operations
- Built custom XML/HTML conversion tools using JavaScript to transform Word documents into web-ready content for Medicare.gov
- Implemented responsive front-end templates ensuring cross-browser compatibility and mobile accessibility
- Created bilingual (English/Spanish) content interfaces supporting millions of Medicare and ACA Marketplace users
- Collaborated with content managers and instructional designers in SharePoint environment to streamline publishing pipeline
- Conducted quality assurance testing of front-end content, verifying proper rendering of headers, lists, tables, and interactive elements
- Reduced content update turnaround time by 60% through workflow automation and process optimization

Graphic Designer & Front-End Developer (Contractor)

Compass Point Marketing • Dallas, TX (Hybrid) • March 2020 – April 2022

- Designed and developed 35+ responsive websites for diverse clients using WordPress, custom PHP, HTML5, CSS3, and JavaScript
- Created high-fidelity UI mockups and visual designs in Adobe Creative Suite, ensuring brand consistency across digital platforms
- Implemented SEO best practices and Google Analytics integration to improve client search rankings and user engagement
- Developed e-commerce solutions with WooCommerce, including Northern Lake Sailboats online catalog and shopping cart
- Established brand identity guidelines and style guides for multiple clients, maintaining visual consistency across web and print
- Utilized mobile-first responsive design approach, ensuring optimal user experience across all devices and screen sizes

- Collaborated with cross-functional teams to deliver integrated marketing campaigns combining web, social media, and print design
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EDUCATION

- Bachelor's in Electrical Engineering– Thomas Edison State University, Trenton, NJ - (2024)
 - A.A.S. in Graphic Design, – Collin College (2021)
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CERTIFICATIONS

- Software Engineering : Certificate of Completion – Coding Temple (Feb 2022)
 - Python Certified – Coding Temple (Feb 2022)
 - SQL Certified – Coding Temple (Feb 2022)
 - Google UX Design Professional Certificate – Focus on Accessibility & Usability (2021)
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KEY PROJECTS & ACHIEVEMENTS

- FCC Auction Platform: Modernized legacy system to cloud-native Angular application, improving auction efficiency and enabling faster deployment of new auction types
- CMS Content System: Automated bilingual content workflows supporting 1,000+ customer service representatives nationwide
- 35+ Commercial Websites: Delivered custom web solutions for industries including healthcare, construction, non-profits, and e-commerce
- Accessibility Champion: Ensured all projects met federal accessibility standards, expanding access for users with disabilities
- Design System Development: Created and maintained component libraries and style guides ensuring consistency across large-scale applications