AMANDA J KENDAL-BROWN

Web Developer | UI/UX Design | Front-End Technologies | API Development

📞 +1-305-586-8344 @ amanda.kendalbrown@gmail.com 📍 Chandler, AZ 85224, United States

SUMMARY

Passionate Web Developer with 10+ years of experience creating responsive, user-friendly web applications. Skilled in React, Python, and API integration, with a knack for building clean, reusable components and guiding projects like TypeScript migrations. Certified in Front-End Development and UX Design, I love blending design systems and SEO best practices to craft beautiful, maintainable digital experiences.

KEY ACHIEVEMENTS

◈ **Optimized Website Performance**
Cut page load times by **40%** through code optimization and performance tuning.

</> **Codebase Migration Completion**
Led a migration of **150,000+ lines** of JavaScript to TypeScript, improving stability and maintainability.

☆ **Enhanced SEO Discoverability**
Boosted user engagement by **35%** through improved SEO strategies and site structure.

⌁ **Optimized API Performance**
Reduced average API response times by **200ms**, enhancing overall user experience.

✎ **Figma Prototype Design**
Created high-fidelity Figma prototypes that clarified UI flows and improved usability.

EXPERIENCE

Web Developer III

Automox | 📅 04/2021 - 08/2025 | 📍 Chandler, AZ

- Implemented reusable UI components, cutting feature build time by approximately 30%.
- Engineered responsive web applications with Storyblok, improving performance scores by 20–25%.
- Maintained RESTful API endpoints handling thousands of daily requests.
- Led a 150K+ line TypeScript migration, reducing production bugs by approximately 40%.
- Produced Figma prototypes that sped up design approvals by nearly 50%.
- Coordinated development across 5+ time zones to hit sprint goals consistently.

Application Developer

Oracle | 📅 11/2015 - 04/2021 | 📍 Chicago, IL

- Converted 300+ client files into RML templates with 99.9% formatting accuracy.
- Enhanced backend Python/SQL components supporting 20+ enterprise accounts.
- Validated deployments via Jenkins, achieving a 100% QA success rate.
- Resolved 10–15 complex JIRA tickets per week, reducing backlog by 30–35%.
- Elevated code quality through regular peer reviews and documentation updates.

Application Programmer V

Bank of America | 📅 10/2018 - 06/2019 | 📍 Chicago, IL

- Improved a React + Electron app used by 100+ traders, cutting load times by 20%.
- Automated ETL workflows, reducing manual effort by 60% and halving error rates.
- Refactored React components to reduce bundle size by 15% and improve UI speed.
- Shortened bug resolution time from 3 days to 1 through cross-stack troubleshooting.
- Contributed to Agile sprints with 12 engineers, meeting 100% of deliverables.

EDUCATION

MS Human Computer Interaction

DePaul University
GPA **3.75** / 4.0
📅 2017 - 2019 📍 Chicago, IL
- Completed 28.5 credits toward MS in Human-Computer Interaction.

MS Computer Science

Northeastern Illinois University
GPA **3.5** / 4.0
📅 2014 - 2015 📍 Chicago, IL
- Completed 24 credits toward MS in Computer Science.

BA Music

University of Iowa
📅 2007 - 2012 📍 Iowa City, IA

CERTIFICATION

AI Engineering Specialization
Scrimba - Sep 2025 - W3YS4GYE5MOO

Meta Front-End Developer Specialization
Meta - Apr 2025 - U82W9O43ICKK

Google UX Design Specialization
Google - Sep 2024 - 44N444UAAEV2

The Complete JavaScript Course - Beginner to Professional
Udemy - Jan 2021 - UC-8c1e0815-aa37-4180-ac2d-a5553ba83167

TECHNICAL & FRONT-END SKILLS

Languages & Frameworks
React.js, Next.js, React Native, Electron, TypeScript, JavaScript, Python, Java, Node.js, SQL

Web & API Development
RESTful APIs, GraphQL, Core Web Vitals

Build & Tools
Vite, Jenkins, GitHub Actions, Netlify, Google Cloud, GitHub, npm, GitHub Copilot

Testing & QA
Jest, Mocha

UI & Styling
Material UI, SCSS, HTML, CSS

Design & Prototyping
Figma, Adobe XD, Sketch, Axure

EXPERIENCE

Graduate Assistantship

Northeastern Illinois University   📅 09/2015 - 11/2015   📍 Chicago, IL

- Produced marketing materials for 20+ campus events, raising attendance by 15%.
- Coordinated events serving 500+ students with campus staff.
- Guided students to academic support resources, reducing follow-ups by 25%.

Center Consultant

FedEx Office   📅 07/2013 - 09/2015   📍 Countryside, IL

- Processed 50+ print and shipping orders daily with 99% accuracy.
- Advised customers on project needs and solutions, improving satisfaction scores.
- Operated and maintained 10+ pieces of printing and finishing equipment.
- Trained 5+ new hires on systems, service, and data privacy protocols.

PROJECTS

Space Tourism

Site - **GitHub**
Tools: React, Next.js, TypeScript, SCSS

- Implemented a responsive, multipage site with modular React components and clean SCSS architecture.
- Focused on accessibility, performance, and design consistency to deliver a polished user experience.

AI Travel Agent

Site - **GitHub**
Tools: TypeScript, Supabase, Cloudflare, OpenAI API, Vercel

- Built a full-stack travel planner integrating AI with real-time weather, flight, and hotel data.
- Integrated serverless functions and a Supabase database to deliver accurate, dynamic recommendations.

Personal Portfolio Website

Site - **GitHub**
Tools: React, TypeScript, Figma, GitHub Pages

- Crafted a fast, responsive portfolio site to showcase technical projects and experience.
- Fine-tuned SEO and performance to improve discoverability and load times.

TECHNICAL & FRONT-END SKILLS

UX Practices

Interaction Design, Responsive Design, User-Centered Design, Accessibility (a11y), WCAG, WAI-ARIA, Performance Optimization

DEVELOPMENT PROCESS & SOFT SKILLS

Agile & Project Management

Agile Methodology, Scrum, Sprint Planning, Stakeholder Communication, Requirements Gathering, JIRA, Monday

Collaboration & Team Practices

Peer Code Reviews, Training & Mentoring, Cross-Functional Collaboration, Documentation & Technical Writing

Problem-Solving & Adaptability

Troubleshooting, Problem-Solving, Time Management, Attention to Detail, Adaptability, Customer Service

FIND ME ONLINE

LinkedIn
@akendalb

GitHub
@ajkendal

Personal Website
https://ajkendal.github.io/