

# Jerry Lee Melton | UX/UI Design Engineer

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## Professional Summary

UX/UI design software engineer based in Portland, OR. 10+ years of experience in design, 3+ years of experience building and scaling production applications in React, TypeScript, and Electron. Shipped UI improvements that drove 30% user engagement growth and 18% retention increases. Fluent in traditional, hands-on coding as well as modern agentic workflows.

## Skills

**Frontend:** React, Redux, Next.js, Electron, TypeScript, JavaScript, HTML, CSS

**Backend:** Node.js, Go, Java/Kotlin, REST APIs, SQL

**Workflow & DevOps:** AWS (S3), Git, GitHub, CI/CD, Agile

**Design & Media:** Figma, Adobe Photoshop, Adobe Illustrator, Camera Raw, UI/UX Design

**AI Tools:** Claude Code, Google Antigravity

## Experience

**UX/UI Design Engineer** - Freelance | 2025–present

- Designed and shipped production Next.js and React websites.
- Redesigned existing user interfaces to improve engagement and accessibility.
- Wrote custom scripts to help with clients' specific automation needs.

**Front-End Software Engineer, UX/UI Designer** - Rewire AI | 2022–2025

- Built and shipped production features for Polygon AI in React, TypeScript, Electron, and Redux, collaborating directly with back-end and ML engineering teams.
- Designed and implemented UI upgrades and marketing assets with Figma, Photoshop, and Illustrator, driving a 30% increase in user engagement.
- Shipped interactive tutorials, analytics dashboards, and customizable themes that improved user retention and conversions by 18%.
- Developed backend features in Node.js and Kotlin to support front-end integrations and extend platform capabilities.
- Integrated AI-assisted development tools (Claude, Cursor) into engineering workflow, reducing debugging time and accelerating feature delivery.
- Prototyped UI interactions in Figma to accelerate design feedback loops, cutting MVP turnaround time by 12%.
- Built company web pages in Next.js, supporting marketing and product initiatives.

**Photographer, Assistant Web Developer** - Autry Museum of the American West | 2016–2020

- Photographed and cataloged 1000+ artifacts to precise archival standards in partnership with exhibits, archeology, and marketing teams.
- Maintained and enhanced museum website using HTML, CSS, and Javascript.
- Transitioned all photo-editing and web administration workflows to remote operations during 2020 lockdown with zero downtime.

**Graphic Designer, Photographer, Assistant Web Admin** - Modernica | 2012–2016

- Led a cross-functional team to photograph 100+ inventory items—cutting project time by 75%.
- Collaborated with marketing, R&D, and management to design and execute print and digital ad campaigns using Photoshop and Illustrator.
- Expanded and maintained the company website using HTML and CSS, driving increased traffic.

**Graphic Designer, Photographer** - Baby Trend | 2006–2012

- Established first in-house photography studio; built structured file management systems for company-wide asset retrieval.
- Designed product packaging, advertisements, and instruction manuals.

## Education

**Associate of Science Degree, Computer Science** | Glendale Community College

**Associate of Science Degree, Graphic Design / Photography** | Mt. San Antonio College

**Google UX Design Certificate** | Coursera