

Alexander Fiodorov-Miller

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SUMMARY

UI/UX-focused software engineer specializing in intuitive interfaces, interaction design, and user-centered product development. Experienced in building polished, high-performance applications across web and mobile, with a strong foundation in React, TypeScript, and modern frontend architecture. Passionate about crafting elegant user experiences and collaborating closely with designers, PMs, and cross-functional teams.

EXPERIENCE

OPTIC SYSTEMS

Software Engineer

Remote

Nov 2025 – Present

- Designed and implemented new features and UI components for a 360° video inspection platform, improving clarity and usability for users and field technicians.
- Modernized legacy UI flows, reducing user friction and increasing task completion speed.
- Collaborated with designers to prototype new interactions and refine visual hierarchy.

AUTOZONE

Software Engineer Intern

Memphis, TN

Jun 2025 – Aug 2025

- Developed high-traffic product page interfaces using React + TypeScript with a focus on accessibility and responsive design.
- Built an NLP-powered diagnostic tool with a clean, guided UI that improved user engagement.
- Conducted UX audits and implemented improvements that reduced bounce rates on key flows.
- Deployed frontend features on Google Cloud with performance-first optimizations.

INSTITUTE FOR INTELLIGENT SYSTEMS

Software Engineer Intern

Memphis, TN

Jan 2025 – May 2025

- Redesigned key workflows in Glyphwitch, a research annotation tool, improving usability and reducing cognitive load.
- Boosted interface responsiveness by 25% through targeted performance tuning.
- Conducted user testing sessions with researchers and translated insights into UI refinements.

EMPRINNOS

Co-Founder & Software Engineer

Memphis, TN

Jul 2019 – Aug 2023

- Led UI/UX design and frontend development for a learning coding platform reaching 1M+ learners.
- Reduced page load times by 45% through performance-driven frontend architecture.
- Ran A/B tests to optimize onboarding flows and improve retention in low-bandwidth regions.

EDUCATION

UNIVERSITY OF MEMPHIS

B.S. in Computer Science

Magna Cum Laude

Memphis, TN

Aug 2021 – May 2025

SKILLS

Frontend/UI: React, TypeScript, JavaScript, React Native, CSS architecture, component systems

UX: Interaction design, prototyping, user testing, accessibility, responsive design

Tools: Figma, Adobe XD, Storybook, Framer, Expo

Backend: Node.js, SQL, REST APIs

Languages: English, Spanish (fluent), German (conversant)