Luis Silva

SENIOR PRODUCT DESIGNER – TECHNICAL SYSTEMS

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PROFESSIONAL SUMMARY

Senior Product Designer with 15+ years of experience transforming complex cloud and technical systems into intuitive platforms. Specialized in infrastructure management tools, scalable visualization frameworks, and developer-focused interfaces that streamline workflows and reduce cognitive load. Proven leader in cross-functional collaboration with engineers and product managers to shape strategy, improve adoption, and drive efficiency. Adept at prototyping and delivering scalable design patterns.

CORE SKILLS

- Infrastructure Product Design & Visualization
- Cloud Platforms UX (AWS, Azure, and Google Cloud)
- Interactive Dashboards & Data Visualization
- System Abstraction & Unification (APIs, CLI, UI, AI-ML)
- Design Tokens & System Documentation
- JavaScript frameworks (React, Vue, Angular)
- Prototyping & Scalable Component Libraries (Figma, Adobe Xd)
- Information Architecture for Developer Tools
- Accessibility & Inclusive Design for Complex Systems
- Mentorship & Technical Design Leadership

EXPERIENCE

WARNER BROS DISCOVERY / JUN 2020 – AUG 2025
SENIOR UI/UX ENGINEER / TECHNICAL DESIGN SYSTEMS LEAD

- Shaped enterprise-wide design strategy, aligning UI/UX architecture with engineering goals.
- Designed interactive prototypes for technical workflows, enabling engineers to visualize and test complex system interactions.

- Integrated AI/ML-driven data visualizations to support the development of Daisy, an in-house AI generation platform, enabling teams to analyze large datasets and optimize decision-making workflows.
- Built interactive infrastructure dashboards that improved load performance from 10s to 7s (≈30% faster), measured via Datadog
- Increased adoption rates of shared dashboards to 8 new enterprise users, improving visibility into platform health
- Simplified configuration flows, reducing engineering friction and accelerating release cycles.
- Delivered scalable documentation and training programs, enabling consistent framework adoption across distributed teams.

MOMENTUM ECM - CITIBANK / JUN 2019 – MAY 2020
SENIOR UI/UX ENGINEER / TECHNICAL DESIGN SYSTEMS LEAD

- Built scalable UI libraries and integrated mock APIs + Google Firebase for prototyping enterprise infrastructure workflows.
- Designed early-stage visualization tools for cloud resource monitoring, helping stakeholders interpret large-scale dependencies.
- Integrated a human-first/biometrical approach to the design systems to reduce friction between users and a new design system
- Enabled system-wide UI consistency across platform teams, reducing iteration cycles by 25% (Jira sprint data)

SCALA / DEC 2016 – MAY 2019
SENIOR UI/UX ENGINEER / TECHNICAL DESIGN SYSTEMS LEAD

- Led the UI/UX design team for the Scala Content Manager, simplifying large-scale content distribution workflows.
- Developed reusable React components for complex system states (Redux), ensuring extensibility and performance.
- Overhauled technical systems that were utilizing outdated development frameworks, ensuring performance and long-term maintainability.
- Designed visual monitoring tools that improved efficiency and cut approval times by 30%.

UNICA / FEB 2014 – DEC 2016
SENIOR UI/UX ENGINEER / GOVERNMENT SYSTEMS DESIGNER

- Designed compliance-driven and accessible interfaces for state-wide systems (Department of Corrections, Labor, Transportation, etc.) handling sensitive workflows.
- Translated policy-heavy, complex technical requirements into usable design patterns for 1,000+ developers across several projects.
- Designed AngularJS dashboards to visualize and manage large-scale government cloud resources.

LOTUS MARKETING SOLUTIONS / APR 2009 – FEB 2014
PRODUCT DESIGNER

- Started as a part-time graphic designer
- Moved into UI product design and UX research
- Delivered end-to-end product design and infrastructure admin consoles for SMB and public sector platforms.
- Pioneered responsive design standards while RWD was still emerging, future-proofing client systems.

EDUCATION

PARK UNIVERSITY – PARKVILLE, MO
B.S. Computer Science – Software Engineering
Cum Laude | Feb 2009 – Oct 2013

COLORADO TECH UNIVERSITY – DENVER, CO
M.S. Computer Science – Software Engineering
On Pause (3/4 completed)

REFERENCES

JEREMY PRESUTTI - 386-589-5980 - jeremy@presutti.us
GEORGE ABUMERE - 443-794-4798 – abumere@gmail.com
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