



Forward Deployed
Engineer

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FORWARD DEPLOYMENT

Operational Audit

Workflow Mapping

Stakeholder Discovery

Human-in-the-Loop UX

Agent Guardrails

Evals & Failure Taxonomies

Shadow & Staged Deployment

Product Strategy

Design Systems

AI ENGINEERING

TypeScript · Node.js · React · Agent

loops (tool-calling, JSON-

schema, checkpoint / resume) ·

Vercel AI Gateway · Jev · Claude

Code · Eval harnesses

OTHER SKILLS

JSONL audit logging · Storybook ·

CI/CD · Figma, Figma Connect ·

Bilingual (English / Spanish)

EDUCATION

BASc, Graphic Design 2004–2007

The Art Institute of Fort

Lauderdale

alejandroastroport.netlify.app

EXPERIENCE

Alebuild

Founder · Forward Deployed Engineer

2026 – Present

- Founded a forward deployed AI studio: a design sprint audits the real workflow, then agents, evals, and a staged rollout over the client's existing systems.
- FloorSync (Orlando Magic Enterprise Reverse Pitch): scoped, built, and pitched solo a game-night staffing overlay on top of ABI MasterMind — a tool-using agent that pauses for a named supervisor, with schema-validated outputs, checkpoint/resume, fail-closed behavior, and a full JSONL audit trail (93 tests).
- Kept labor rules in deterministic code and limited the model to classifying messy text; wrote a 21-case exception suite, a 25-run event simulation, and a shadow-pilot plan with pre-registered stop conditions. Synthetic data, no live venue integration.

Snowplow Analytics

Design Engineer (Freelance)

Early 2025 – Present

- Designed and shipped a new platform onboarding flow using AI-assisted ("vibe coding") tools.
- Consulted product, design, and engineering on the foundations for Snowplow's Agentic Design System, driving adoption from v0-first prototypes to shipping directly through the system.
- Designed and prototyped Snowplow's public Chrome extension (Snowplow Inspector) through a Figma-to-Claude Code workflow, and supplied the design-system work behind Signals — now Snowplow's fastest-growing product — which engineering scoped at two quarters and shipped in two months.

Thought Industries

Design Engineer

Jul 2020 – Aug 2026

From UX Designer → Lead UX Designer → Director of UX → Design Engineer

- Led UX strategy as Director of UX (2021–2024) through hypergrowth, then moved into a hands-on Design Engineer role in mid-2024 to close the design-to-code gap.
- Led design on the Customer Value Agent, an AI proposals product — earned codebase access and took it from discovery to four paying beta customers.
- Built a closed-world, typed component registry so coding agents generated UI only from real design-system components; evaluated the pattern across 90 scored generations.
- Shipped AI-powered learning tools to production (Conversational Search); pioneered Figma Connect, wiring Figma components to their coded counterparts.
- Built Chameleon, a token-driven theming system that cut sales-demo setup from a week to hours.

Genscape

Product Designer (Contract)

Dec 2018 – May 2019

- Designed the platform later acquired by Wood Mackenzie.
- Ran UX research, testing processes, and performance-metrics analysis to inform design.

Philips Healthcare

Interaction Designer (Contract)

Apr 2018 – Jul 2020

- Conducted in-person user interviews to validate high-fidelity prototypes for complex, pre-investment interactions.
- Led projects from cataract-surgery planning to patient-monitoring equipment using design-thinking methodologies and workshops.

Commonwealth Financial Network

Design System Lead

Aug 2018 – May 2019

- Built design-system infrastructure in Sketch and Abstract for version control across a 20-person team.
- Doubled designer-to-developer handoff efficiency, accelerating the release cycle.

Swirl Networks

Product Designer

Feb 2017 – Jul 2018

- Partnered cross-functionally across the full product lifecycle, from research to launch.
- Led interactivity and motion concepts through prototypes.