Ryan House

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I've spent my career at the intersection of design, engineering, and product leadership, usually in fast-moving startup environments where those lines blur by necessity. I'm at my best when I'm building teams and systems from scratch, making decisions that require both design sensibility and technical depth, and shipping product that actually moves business metrics.

EXPERIENCE

Senior Software Engineer — **Cloudburst Technologies** Aug 2025 – Mar 2026
- Redesigned the entire product UI/UX from the ground up and rebuilt the core component library to establish a cohesive, scalable design system
- Trained a multi-agent AI system to generate new features and pages using the component library as a constraint, so every engineer could ship frontend work that was consistent and on-brand without needing design review on every PR
- The resulting workflow compressed feature delivery from weeks to days and enabled rapid prototyping and deployment across the engineering team

Results: Rebuilt both the product's visual foundation and the team's development workflow simultaneously. The multi-agent system became a force multiplier; what previously required significant design coordination could be handed off to the pipeline with high confidence in the output.

Head of Technology and Product Design — **The Postage (rebranded to Paige)** Jun 2024 – Aug 2025
- Led a full UI/UX overhaul and guided the product through a complete company rebrand, modernizing the application's design language while maintaining continuity for existing users
- Built and structured the internal engineering team from the ground up, covering hiring, culture, processes, and execution capacity, to carry the post-funding roadmap
- Developed and managed the product roadmap, balancing net-new features with critical technical debt to stabilize infrastructure ahead of investor scrutiny
- Audited and planned the overhaul of the existing tech stack to repair systemic architecture issues

Results: Rebuilt the product's design and the team's engineering capacity in parallel while helping align investors and stakeholders around a clear vision. This contributed directly to closing more than $500K in seed funding and securing multiple new partnership deals in the process.

Director of Software Engineering — **Bellhop** Mar 2023 – May 2024
- Led development of a proprietary internal CRM built to replace Salesforce as the core operational platform
- Guided the engineering team through significant headcount reductions during an economic downturn while maintaining delivery capacity and morale
- Mentored senior engineers into leadership roles and overhauled engineering processes to improve throughput
- Designed and shipped complex client-facing features including branching sales pipelines and automated content generation

Results: Reduced Salesforce dependency across operations, delivering over $500K in annual savings. Kept the team functional and shipping through one of the harder periods the company faced.

Senior Engineering Manager, Web and Mobile — **Bellhop** May 2022 – Mar 2023
- Unified client-facing web and mobile teams under a shared structure to improve collaboration and reduce friction between platforms
- Spearheaded major tech partnerships and integrated new architectures to support them

- Built out A/B testing and feature flagging infrastructure, giving the team better control over rollouts and experimentation
- Developed a proxy-API via ExpressJS that gave client teams the independence to move faster without bottlenecking on backend

Results: The client experience work landed partnerships with The Home Depot and PODS, driving substantial revenue growth and contributing to the company securing millions in additional funding.

Director of UX, Design, and Engineering — **FreightWaves**Dec 2020 – May 2022
- Built and led an award-winning team spanning design and engineering, aligning both disciplines tightly around product vision
- Created a comprehensive component library and design language that became the foundation for all product work
- Trained developers in frontend architecture and design systems, raising the team's overall capability
- Streamlined cross-departmental coordination to reduce blocking and keep a steady cadence of releases

Results: Increased engineering velocity by 40% through tighter alignment between Product, Design, and Engineering, specifically by sequencing work better and keeping the backlog clean. Won back-to-back annual awards for Engineering Excellence.

Founding Engineer and UI/UX Designer — **FreightWaves**Jul 2019 – Dec 2020
- Led design and development of the largest logistics news platform in the US alongside a flagship SaaS product
- Hired and organized the original engineering and product teams, establishing the processes they'd operate on as the company scaled
- Managed large-scale database migrations with no disruption to ongoing operations

Results: Helped take the company from $3M seed to $30M ARR over three years by building the product and the team in parallel.

Product Manager and Full Stack Developer — **Applied Imagination**Jan 2018 – Jun 2019
- Managed end-to-end product development for major enterprise clients, including custom platforms and high-traffic consumer experiences
- Implemented A/B testing and dynamic content delivery systems that allowed for real personalization at scale
- Achieved ADA AAA compliance for a university program site, a bar most teams don't bother reaching
- Built an internal platform covering payroll, accounting, project management, and communications, eliminating the need for third-party tools

Results: Secured long-term contracts with Walmart, Mitsubishi, Toto Home Appliances, and Rooms to Go among others. The internal operations platform saved hundreds of thousands of dollars annually.

Marketing Director and Full Stack Developer — **F2F Transport**Jun 2011 – Jan 2018
- Built web systems to automate recruiting, hiring, and marketing workflows end-to-end
- Designed a system integrating Zoho CRM and analytics for targeted lead conversion

Results: Helped grow the company from 3 trucks to a fleet of over 300 before its eventual sale, largely by automating the processes that would have otherwise required headcount to scale.

SKILLS & TECHNOLOGIES

Design & Product: UI/UX Design, Design Systems, Component Libraries, User Research, Data Visualization, Product Strategy, Roadmapping

Engineering: JavaScript, React.js, Vue.js, Node.js / ExpressJS, API Development, Git, A/B Testing, Feature Flagging, Multi-agent AI systems

Leadership: Team building, cross-functional leadership, engineering culture, financial planning, CRM integration, Google Analytics