Hunter Loftis
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T-shaped engineer with 20 years of broad experience and deep expertise in two areas:

1. **Applied AI:** I'm a founding engineer at Reve AI, where I build multi-agent harnesses that interact with humans and with each other in real time. I tackle problems like live voice interactions that require grounded truth and agentic assembly of dynamic, contextual user interfaces. I'm a named inventor on two US patent applications covering generative methods for a Pareto-frontier foundation model. I also serve as AI Fellow for the University of North Carolina, Greensboro, where I teach VES 400x: Demystifying Artificial Intelligence.

2. **Desktop-grade software on web technologies:** I built Reve's real-time WebGL compositor that renders 1080p videos and 16-megapixel images with multipass shaders, pathed text, and blended layers, uniformly across desktop, mobile, and Node.js environments. At Adobe, I shipped the dynamic layout and video systems for Photoshop Web. As Heroku's Node.js Platform Owner, I directly supported our largest customers, unlocked real-time architectures at Heroku, and quadrupled Node.js platform MRR in three years.

I thrive where ambitious requirements must ship quickly, run reliably, and evolve daily.

Experience

Reve AI	2024 - present	Founding Engineer
Adobe	2021 - 2024	Senior Engineer
Facebook	2020 - 2021	Senior Engineer
Salesforce	2017 - 2020	Director of Engineering
Heroku	2014 - 2017	Lead Engineer, Node.js Platform
Skookum Digital Works	2010 - 2014	Full-stack Software Engineer
Ally Bank (GMAC)	2009 - 2010	Frontend Software Engineer

Patents & Presentations

US Application 63/881,464	Geometric Self-Correction via Jittered Training
US Application 19/444,881	Quality-Preserving Edit Journaling for Image Generation
Painting with Light	GopherCon EU
We Will All Be Game Programmers	Forward Web Tech Summit